ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1908-1909.

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PART I.

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1908-09.

Corporation and Standing Committee.

The Hon'ble Mr. G. O. W. Dunn, M. Inst. C. E., M. R. San. Inst., was President of the Corporation and Mr. Munmohundass Ramji, Chairman of the Standing Committee for the year.

2. During the year, the Corporation had to mourn the loss of three of their colleagues, Sir Jamsetjee Jejeebhoy, Bart., Sir Hurkisondas Narotamdas and Mr. Edwin Bollam.

3. Forty-six Meetings were held by the Corporation and 53 by the Standing Committee. There were besides 160 Meetings of Committees of the Corporation and 41 Meetings of Sub-Committees of the Standing Committee—an estimable record of strenuous work done by Councillors in Committee.

Commissioner.

4. Throughout the year, Mr. W. D. Sheppard, I. C. S., continued to hold the office of Municipal Commissioner for the City of Bombay.

FINANCIAL.

GENERAL.

5. The position of the Municipality as regards the principal sources of revenue is eminently satisfactory. With taxation at the same minimum rates as in the previous year, or, rather, despite small reductions in the rates for water supply, the year's accounts reveal a substantial rise in the annually growing revenue of the Municipality. The net result, no doubt, was, as already anticipated whilst framing the Budget for the year, a deficit. This deficit, amounting to Rs. 3,44,078, was met from Surplus Cash Balance so that the year closed with a working cash balance of Rs. 23,13,438 against Rs. 26,12,566 with which it opened. If from this balance is eliminated a sum of Rs. 7,12,338 reserved for renewal of lapsed grants for the previous years the actual Surplus Cash Balance at the close of the year amounts to Rs. 16,01,099 against Rs. 18,09,327 at its commencement. The assets exceeded the liabilities by Rs. 2,01,15,564 aggregating Rs. 7,49,45,333 against Rs. 7,30,89,934 in the previous year. With this formidable balance in favour of the assets and the large reserve in the taxing capacity of the Municipality the financial stability of the Municipality is assured beyond question.

6. One rather disconcerting feature, however, of the financial transactions for the past few years is the steady and substantial increase in expenditure. Attention was pointedly drawn last year to this matter by the Standing Committee whilst reviewing the Administration Report for the year 1907-08. It was pointed out that the expenditure had grown steadily from Rs.74,96,969

in the year 1897-98 to Rs. 1,01,89,201 in the year 1907-08 and it was urged that the policy of allowing the normal expenditure to trench upon the balances could no longer be pursued for the reasons stated below :—

"It is clear that with all the elasticity of the City's resources it will be difficult at the present minimum rates of taxation to keep pace with this steady growth in expenditure. This will continue to grow at much the same rate, if not a higher one, and although the income has in the past kept pace with the growing expenditure and is yet capable of considerable expansion, the fact that has to be borne in mind is that in the normal expenditure will have to be included in the near future heavy additional items in respect of contribution to the Improvement Trust, primary education and medical relief and considerable interest and sinking fund charges in respect of loans that will have to be raised for financing already sanctioned works for the drainage of the City and the housing of Municipal employes, not to mention the moiety of the cost of constructing overbridges to the extent of over 17 lakhs. This is the situation that the Corporation have undoubtedly to face, and it seems advisable as a policy of caution to conserve the balances even while the staple sources of revenue have been bringing in returns beyond expectation."

These observations are borne out by the results of the year under review and the Chief Accountant rightly points out that the cycle when our income advanced whith stationary rates of taxation faster than our expenditure is passed and that a period has established itself when increased taxation must be resorted to to meet the increasing needs of the City.

Income.

7. During the year the General Tax continued to be levied at the minimum rate of 8 per cent. and the Water Tax at 3 per cent. Nevertheless there was an expansion of Rs. 3,96,723 in revenue which amounted to Rs. 1,02,86,048 against the record figure of Rs. 98,89,325 for the preceding year. The original Budget Estimate of income was only Rs. 97,79,000. This was increased to Rs. 1,01,39,000 in the Revised Estimates with a view to providing for the expansion then anticipated, but even these final estimates were exceeded by Rs. 1,47,048. It is gratifying to notice that the material portion of this increase was contributed, as in the years previous, by the stable sources of revenue, the General Tax accounting for an increase of Rs. 1,81,025, the Halalkhore Tax for Rs. 72,347 and the Water Tax for Rs. 55,358. There was an increase of Rs. 49,965 in Wheel Tax which is accounted for by the recoveries of arrears ; also an increase in Miscellaneous Receipts of Rs. 1,22,411 due principally to the sale of Municipal land to the Port Trust in connection with the construction of the overbridge at Mazagon for the Harbour Branch Railway. Summing up the position in regard to all the sources of revenue, the Chief Accountant computes the permanent expansion in the income of the Municipality during the year under review at $3\frac{3}{4}$ lakhs.

Incidence of Taxation.

8. With the increase in income the incidence of taxation per head naturally rose from Rs. 8-10-5 in 1907-08 to Rs. 8-14-11. The incidence for the year 1904-05, with the General Tax at $10\frac{1}{2}$ per cent., was Rs. 8-4-4. In 1906-07 with the General Tax at 9 per cent. it grew to Rs. 8-7-10. In the year following with the tax at $8\frac{3}{8}$ per cent. it rose to Rs. 8-10-5 and with the same rate of taxation in the year of report it stood at Rs. 8-14-11. The explanation for this increase in the inverse proportion of the rate of taxation is to be found in general appreciation of the value of property in the City and sustained vigilance on the part of the Assessment Department.

Expenditure.

9. The normal expenditure increased to an unusual extent during the year. Over the already very heavy and unprecedented outlay of the previous year there was an extraordinary increase of Rs. 4,40,925, the total for the year being Rs. 1,06,30,126. The increase is due chiefly to an extra outlay of

about Rs. 1,83,000 on the Public Health Department and of Rs. 1,72,000 under Public Works Department and an increase of Rs. 93,000 in respect of contribution to the City Improvement Trust. After taking all the factors into consideration, the Chief Accountant estimates the permanent increase in expenditure at Rs. 5,00,000 as under :—

	Rs.
General Supervision	4,000
Assessment and Collection	15,000
Public Gardens	9,000
Public Works	1,35,000
New Works...	50,000
Health Department	1,00,000
Contribution to the City Improvement Trust	1,37,000
Education	5,000
Hospitals	14,000
Debt...	31,000
Total Rs.	5,00,000

With an expansion in Income estimated at Rs. 3¾ lakhs only and an increase in Expenditure computed at Rs. 5 lakhs, not to mention the additional liabilities referred to in paragraph 6 of this Review, and with reserved balances already very heavily trenched upon and likely to be further depleted during the current year, the Municipality has to face a situation that calls for a very careful adjustment of receipts and disbursements.

10. *Lapsed Grants.*—Out of the total sanctioned grants for expenditure aggregating Rs. 1,15,21,022, a balance of Rs. 8,90,896 remained unexpended at the close of the year. Of this Rs. 7,12,338 required renewal for expenditure in 1909-10, leaving as savings a sum of Rs. 1,78,558. The amount which required renewal shows a decrease of Rs. 90,901 as compared with the amount for the previous year, the percentage of renewed grants to grants allotted being 6·18 against 7·2 in 1907-08, 6·38 in 1906-07 and 6·84 in 1905-06. After repeated complaints in connection with this matter it is satisfactory to record this slight decrease and the Committee hope that with greater foresight and promptitude on the part of the spending departments it may be possible to effect a still more appreciable improvement.

11. *Capital Debt.*—During the year of report, the 13½ Lakhs Loan for the construction of quarters for the Halalkhores and Biggaries of the Health Department was raised and Rs. 1,09,463 were repaid towards the reduction of debt. The total capital debt of the Corporation increased in consequence from Rs. 5,07,82,403 to Rs. 5,20,22,938. Against this the total Sinking Fund Investments aggregated Rs. 85,31,185, leaving a net debt liability of Rs. 4,34,91,752.

12. *Loan Works Expenditure.*—The total outlay on Loan Works aggregated Rs. 16,84,141 against Rs. 9,88,024 in the year previous. This was distributed as under :—

	Rs.	a.	p.
(1) Sewerage and Drainage Works	5,23,968	1	9
(2) Water Works	2,46,407	10	6
(3) Roads	4,19,404	8	5
(4) Markets	24,122	15	11
(5) Sanitary and other Miscellaneous Works	4,70,237	12	3
Total Rs.	16,84,141	0	10

13. *Plague Expenditure.*—There was an increase of Rs. 27,811 in the expenditure on Plague operations which amounted to Rs. 2,23,328 against Rs. 1,95,516 in the preceding year. This was partly due to plague allowances

paid to the Municipal employes who shifted to non-infected areas during the period of the epidemic, partly to heavier expenditure on rat destruction and partly to increased outlay on the construction of huts and rent of land for health camps. The total outlay on plague measures from the commencement of operations to the close of the year under review amounted to Rs. 70,30,398. Towards this heavy expenditure Government contributed only Rs. 14½ lakhs and it was hoped that the final appeal made by the Corporation to His Majesty's Secretary of State for India for further relief would meet with a sympathetic response. The reply, however, is unfavourable and the entire burden will now have to be borne by the Municipality.

14. *Stores Audit.*—The Committee are glad to notice that the stock was verified during the year of report and that the results were satisfactory. Of the total stock in hand amounting to Rs. 7,25,151, Rs. 61,555 represented the amount which had to be written off. The real value of the whole stock was Rs. 6,63,596 and of this Rs. 58,131 represents Surplus and Obsolete Stores, which shows a very large reduction compared with the balance in hand on the last day of the year previous valued at Rs. 2,32,147. At the same time, however, the Chief Accountant brings to notice a sudden advance of a lakh and-a-half within the past two years in the balances of the General Stores. The matter is under investigation and the Standing Committee will await an explanation as to this advance.

15. *Test Audit.*—In their Review of the Administration Report for the year 1907-08 the Committee had expressed the hope that the Chief Accountant's Test Audit would be extended to all the departments. They, however, regret to learn that owing to a serious depletion of the staff in consequence of the epidemic of Malaria that officer could not continue the Test Audit of even the road repairs accounts already taken in hand during the year previous. Test Audit "at the time of payment" was, however, continued and certain irregularities received attention. The Committee trust this useful scrutiny will be vigorously carried out and extended to the different departments during the current year, and they will await a full report as to the results of the audit and the measures taken to effect economies in the light of the scrutiny.

Assessment and Collection of Taxes.

16. With an increase of 1,819 in the number of properties on the Assessment Book from 57,498 to 59,317, there was a rise in the number of properties assessed for the General Tax from 46,248 in the year previous to 48,351, the number of properties exempted from the General Tax under Section 143 of the Municipal Act being 3,419 against 3,396 in the preceding year and the number of those exempted as being of insignificant value being reduced from 7,854 to 7,547.

17. The year under review witnessed a further rise of over 23 lakhs in the rateable assessment of properties which amounted to Rs.4,22,01,034 against Rs. 3,98,64,747. Opening with a gross assessment of Rs. 4,57,93,718, the year closed with an assessment of Rs. 4,68,75,766. The complaints against assessment numbered 4,576 against 4,288 in the preceding year and there were 14 appeals to the Chief Judge of the Small Causes Court against 10 in the year previous. Of the appeals 12 were settled by consent and the remaining two were pending at the close of the year.

18. Inclusive of demands in respect of previous years aggregating Rs. 35,661, the total demand on account of Property Taxes amounted to Rs. 64,87,059, showing an increase of Rs. 3,14,615 over the demand for the previous year. Despite this increase the amount of draw-back allowed during the year was Rs. 28,050 only against Rs. 38,760 in the year previous and Rs. 61,666 in the year 1906-07.

19. In the actual receipts from the General Tax an increase of Rs. 1,80,926 is recorded, the total for the year being Rs. 32,94,871 against Rs. 31,13,846 in the preceding year. The water charges (inclusive of compounded charges, water rate by meter measurement and other miscellaneous water works receipts) brought in Rs. 20,04,188 against Rs. 19,48,830 and the proceeds from the Halalkhore Tax (including charges for special service) aggregated Rs. 11,19,222 against Rs. 10,40,874 for the year 1907-08.

20. There was an increase of Rs. 50,265 in the receipts from the Wheel Tax which amounted to Rs. 4,57,290, (exclusive of Rs. 22,566 realized from the right of collecting tolls at the Mahim and Sion Causeways) against Rs. 4,06,925 in the previous year. This increase is merely due to the recovery of sums withheld by the owners of Victorias in the previous year. Of the vehicles taxed during the year 379 were motor cars as against 281 in the year 1907-08 and 276 in 1906-07. The small number of motor cars taxed during the previous years did not fail to arrest the attention of the Standing Committee last year and a careful investigation was suggested. It is therefore satisfactory to notice an increase of a hundred cars recorded within one year. A revision of the schedule of taxes on vehicles was also suggested by the Committee with a view to the tax in respect of motor cars being adequately increased. This proposal has met with the acceptance of the Corporation and a report of a Committee of the Corporation on the subject is now before that Body. The Committee regret to notice a still further fall in the number of cycles taxed. From 1,369 in the year 1903-04 the number has gradually declined to 719 in the year of report, indicating clearly that whilst the question of abolishing the tax on these vehicles is pending before Government, owners of cycles pay or do not pay the tax according to their will and pleasure.

21. The net revenue from Town Duties shows a slight advance of Rs. 7,638 over the preceding year. There was a rather large fall in the gross revenue from Rs. 29,00,764 in the year previous to Rs. 27,26,192. This was due to the slackness of trade in sugar which led to a falling off of Rs. 1,53,444 in the collections. At the same time there was a decrease of Rs 1,41,926 in the refunds in respect of the export of sugar so that the total net revenue stood at Rs. 13,23,181 against Rs. 13,15,543 in the preceding year. The Revenue and Refund Audit Officer calls attention to the fact that a whole quinquennium has now passed since the institution of Municipal check over exports by rail and that the net revenue from Town Duties (exclusive of the realizations from the duty on firewood which has been abolished since the year 1907-08) has, during that period, averaged Rs.13,10,829 against Rs. 11,09,063,the average for the previous quinquennium. This gradual substantial enhancement in this ever-fluctuating source of revenue is highly gratifying. Recognizing the importance of departmental check over exports the Corporation have with a view to further protecting Municipal revenue from the skilful manipulations of the Chithiwallas, sanctioned as a tentative measure a scheme for introducing a system of marking departmentally every package of sugar after its importation and before its clearance from the Docks. Although more than a year has passed the scheme has not yet been brought into operation. No doubt the formulation of rules requires very great care but the Committee trust it will be possible to settle all preliminaries before the end of the current year.

Public Works.

22. *General Branch.*—The new works carried out by the General Branch of the Executive Engineers's Department were mostly of a minor character and call for no special remarks. Out of 124 sanctioned new works, 32 were not at all proceeded with for various reasons.

23. *Drainage.*—Throughout the year, the engines and pumps at the Love Grove Pumping Station and the machinery at the Colaba Air Compressor Station and the several Ejector Stations worked satisfactorily. At the Love Grove Air Compressor Station a serious accident took place and resulted in the breakage of the high pressure connecting rod and the twisting of the high pressure crank 18° back from its position. The damaged rod has been replaced by a new one but as the twist in the crank shaft has not thrown it out of line and does not appear to have caused any fracture of the metal, its use has been continued. At the Colaba Air Compressor Station the two boilers showed signs of weakness. The Corporation have consequently sanctioned the conversion of the existing steam driven machinery into an electrically driven plant.

24. Satisfactory progress was made with the Malabar Hill Sectional Sewerage Works and the extension of the Low Level Channel No. II from DeLisle Road to Dadar Road. Storm water drains were laid in Arthur Road and DeLisle Road, and channels for draining the leakage along the lower portions of Malabar Hill were constructed. The work of cleaning storm water drains could be taken in hand only at the close of the year and the construction of relieving arches in connection with the old main drain at Falkland Road was still in progress. The only step taken during the year towards the prosecution of the important works for remedying the surcharging of sewers was the acceptance of the Lilleshall Company's tender for new pumping machinery.

25. 424 street connections were carried out during the year against 377 during the preceding twelve months. All these were carried out departmentally at a cost of Rs. 18,176. 88 storm water street connections were also carried out at a cost of Rs. 3,179.

26. *Water Works.*—During the year, the Water Works were maintained in a state of efficiency. The year witnessed the final completion of the Tulsi Tunnel Repair Works taken in hand ever since the year 1904. The old 32″ Vehar Main laid within the limits of the G. I. P. Railway between Kurla and Dadar was removed and Vehar water is now brought into the City through the new main. The water-proofing works at the Bhandarwada Reservoir were still in hand, as also the work of laying a new Inlet main to the Malabar Hill Reservoir from the end of the Tansa Main at Chinchpokli Level Crossing. No progress was however made with the works sanctioned in July 1907 for improving the conditions of storage at the Malabar Hill Reservoir. This delay is reported to be due to difficulties in getting suitable tenders.

27. Compared with the rainfall for the previous year, the rainfall for the year of report was rather low but much better compared with the average for the previous years. At Tansa Lake it was 90·18 inches against 96·10 in 1907 and 75·96 in 1906 and 56·74 in 1905. At Vehar it was 76·54 against 88·51 in 1907 and 67·03 in 1906 and 46·77 in 1905; and at Tulsi it was 101·96 against 119·41 in 1907 and 92·62 in 1906 and 55·72 in 1905. The Tansa Lake overflowed on the 13th July and Tulsi commenced overflowing from the 24th August. The highest level to which the water in the Vehar Lake rose during the year was 260·27 T. H. D. or 4·23 below the raised waste weir level.

28. 552 water connections having been newly made and 361 cut off, the total number of connections stood at 22,054 against 21,863 in the preceding year.. Of these only 3,121 were metered against 3,260.

29. The work of laying additional water mains in various parts of the City was continued during the year of report. 821 under-ground and 5,394 above ground leaks and defects are reported to have been detected and remedied by the Special Branch of the Water Works Department. The total length of mains examined by this branch, excluding second and subsequent tests, was 36,290 feet against only 3,220 feet in the previous year and the length including second and subsequent tests was 1,428,455 against 1,014,859 feet.

30. *Streets and Buildings.*—3,827 building applications were received during the year, showing an increase of 665 over the number of applications received during the year previous. 364 Notices were issued for the removal of unsafe buildings. Of these 316 were complied with, in 23 cases structures were removed by the Municipality, 24 cases were pending at the close of the year and in one case the Municipality was restrained by the High Court from pulling down what was considered to be a dangerous structure. There were 13 collapses of buildings resulting in the death of 8 persons and injury to 7.

31. The Executive Engineer reiterates the complaint that in a large number of cases the Magistrates held that offence had been committed and yet did not inflict any penalty. Out of 463 cases decided, in as many as 180 cases, parties were warned and discharged. The Standing Committee have already suggested that the High Court may be moved to revise the decisions in a few typical cases. If however this suggestion is not deemed practicable an attempt may be made to elicit information as to the considerations that influence the Magistrate's decision in such cases.

32. 5,046 square yards of ground valued at Rs. 2,98,201 were added to streets. In regard to the heavy outlay on street improvement, the Chief Accountant points out that the 15 lakhs loan sanctioned for meeting the liabilities in respect of set-backs has not only been already hypothecated but that further liabilities to the extent of over Rs. 4,20,000 have been incurred. "Prudence and established financial principles," says this Officer, "would seem to demand that a limit be placed on the extent to which set-backs should be financed by anticipating further loans to be raised." This financial aspect of the question no doubt demands very careful consideration. It has already arrested and engaged the attention of the Corporation who have appointed a Committee to look into the whole question. That Committee has been gathering full data and it may be hoped a policy at once sound and satisfactory from the point of view of public convenience as well as finance will soon be evolved for the guidance of the Corporation in future.

33. For the first time in the history of the Municipality, street refuges combined with gas lamps were provided at seven different junctions. These refuges are unquestionably useful in guiding and facilitating vehicular and pedestrian traffic and the extension of these conveniences to different parts of the City is now under the considration of a Committee.

34. The amount spent on repairs and maintenance of roads aggregated Rs. 5,02,748 against Rs. 4,47,139 in the preceding year, the cost of metalling the roads working out at 6·04 pies per square foot against 5·67 pies in the year previous. 2,382,000 square feet of roads were treated with crude petroleum during the year at a cost of Rs. 25,580. It was urged in the Committee's Review of the Administration Report for the year 1907-08 that in criticising the condition of the roads one important fact ought not to have been lost sight of, *viz.*, that for some time past divers agencies, public and private, had been as it were vying with one another to dig up the roads as soon as repaired. This disturbance is reported to have continued during the year of report and although prompt measures are stated to have been taken to restore the roads

to an efficient condition, the results were not wholly satisfactory. The public may however confidently look forward to a much better state of roads in the future. A special staff has been given to the Executive Engineer to look after the roads, the grant for maintenance has also been increased and now that the trunk mains for electric light and traction purposes and for telephones have been almost wholly laid it may be hoped that the City's thoroughfares will not be so heavily and so frequently disturbed as in the past. There is one remark in connection with this subject in the Executive Engineer's report which calls for attention. That officer points out that a number of roads in Sewri District were badly cut up by carts conveying earth to the Port Trust Reclamation works and he adds that under the Highways Act in England this would be classed as "extraordinary traffic" and that the parties responsible for such traffic would have to bear the extra cost of upkeep. There being no such provision in the Bombay Municipal Act, the Committee trust the Municipal Commissioner will look into the question and advise the Corporation as to whether an amendment of the Act in this direction should not be asked for.

35. *Tramways.*—No tram rails were renewed during the year, nor were any extensions made. In response to a suggestion made by the Standing Committee last year, the Executive Engineer reports that the tram tracts were fairly maintained throughout the year but that there are many places where settlements have occurred permitting water to accumulate in pools during the rains, which washes and destroys the surface of the road during the passage of cars. He also reports that in many cases the Tramways Company has failed to maintain the road surface at the same level as the rails. The Committee have no doubt the Commissioner will see that the defects are not allowed to continue.

36. *Overbridges.*—The year witnessed a satisfactory settlement of the long pending question as to the apportionment of the cost of providing several overbridges in the City. It has been arranged that the Railway Companies should pay the entire cost of the construction of the bridges and their respective approaches and that the Corporation should provide the land required and bear the cost of diverting mains, sewers, &c. Thanks to this settlement, the work of constructing some of the overbridges is now being vigorously pushed forward.

37. *Lighting.*—For the lighting of the City 4,400 gas lamps and 1,831 kerosene oil lamps were maintained during the year at a cost of Rs. 2,79,412 and Rs. 48,777 respectively. A satisfactory feature of the report is the introduction of high power lamps of a variety of new types. Of these a few three light central lamps were put up at Abdul Rehman Street and Bhuleshwar Road. Two light vesta high power lamps were provided on refuges at the several road junctions and single light compressed gas lamps were placed at the Floral Fountain, Fitzgerald Column and Sandhurst Bridge. All these lights were found to be satisfactory and were greatly appreciated by the public.

38. *Workshops.*—The value of departmental and private work turned out at the Municipal Workshops has been computed at Rs. 1,78,234, the net result of the year's transactions being a balance of Rs. 10,255 in favour of the Workshops. The Motor Meat Van service was not so satisfactory as before. There was a serious breakdown during the year which necessitated extensive repairs and it is reported that it will soon have to be withdrawn from service. The Van has been in use since October 1903 and six years is considered to be a fairly long life for such vehicles. The new steam tractor also required repairs but it may be expected to render better service in future.

39. *Plague Operations.*—132 insanitary houses were inspected. Of these 112 were found to be capable of improvement whereas 20 were considered hopelessly bad and action had to be taken for their demolition. 10 houses and sheds were demolished by the Municipality and 143 insanitary houses were brought down by the owners themselves in consequence of the improvement notices served on them. Overcrowding in houses was abated in 80 cases. Different communities were as usual allowed to erect health camps on Chowpati and Gamdevi sites but not on the Kennedy Sea Face. Regarding the use of the Sea Face for such camps a communication had been received from Government asking for a discontinuance of its use from 1st November 1908 and a representation was submitted by the Corporation to Government pointing out that unless the use of the Sea Face for the purpose was found to be positively detrimental to public health it would not be desirable to deprive the plague-exposed public of the temporary use of that site. Subsequently a deputation of the Corporation waited upon His Excellency the Governor to represent the matter personally. But His Excellency was of opinion that taking everything into consideration it was not advisable to allow the use of the Sea Face for the erection of health camps for an indefinite period.

Fire Brigade.

40. Throughout the year the Fire Brigade was efficiently maintained. The Brigade had to turn out to 107 calls of which only 5 proved to be false alarms. It was also requisitioned in connection with 5 cases of fallen houses and extricated 17 persons from the debris, 6 of whom were found dead and 11 removed to hospital of whom 2 died later.

41. The actual number of fires during the year was the same as in the previous, *viz.*, 102. The total number of premises damaged by fire numbered 71. Of these 32 were insured and the damage done to insured and uninsured premises has been computed at Rs. 20,86,720 and Rs. 3,07,444 respectively. The total damage to property is estimated at Rs. 23,94,164, showing a decrease of Rs. 9,42,110 as compared with the previous year and the value of property saved from destruction is rated at Rs. 58,34,871.

42. *Public Gardens.*—The steadily growing popularity of the Victoria Gardens is evidenced by an increase of over three lakhs in the number of visitors which reached the total of 2,060,343. This increase is mainly due no doubt to the attractions offered by the musical performances at the Gardens. The number of visitors to the Victoria and Albert Museum also increased from 872,423 to 882,493. Among the additions to the Zoo may be noted a young African Lion and two Leopards presented by Messrs. Cowasji Dinshaw & Brothers of Aden and two Indian wild donkeys by Mr. R. L. Sinclair. The Committee note with satisfaction that the deputation of the Assistant Superintendent to Europe has resulted in a substantial addition of rare animals to the Zoological Collection and in the establishment of business relations for the purchase and exchange of animals with foreign dealers.

Health Department.

43. The number of births registered during the year was 20,166 against 19,535 in the year previous, giving a birth-rate of 20·62 per mille against 19·97. This, however, represents only the number of births actually registered, whereas several children born outside the City but forming the infantile population of Bombay have not been taken into account. In order to get at a true statement it is doubtless necessary to take cognizance of all those children who are born out of Bombay of mothers belonging to the City and who are brought to Bombay after birth. The Health Officer therefore rightly points out that in considering the strength of the total infant population

note must be taken of several factors effecting the birth rate, such as the changes in the marriage-rate, the changes in the women of conceptive ages in the population, the changes in the age constitution of the married female population, as also the migration of expectant mothers to their native land and their return to the City with their infants. Adapting the system followed by the Registrar General of England and Wales he estimates the probable infant population of the City at 31,738 as follows:—

"During 1908, 8,636 of such (unregistered) children under one year of age were vaccinated primarily; in addition to these a large number must have escaped vaccination either by death or postponment ; 34 per cent. of births registered are not vaccinated; it would therefore be safe to assume that 34 per cent. of the unregistered children are not vaccinated for the same reason, *viz.*, death or postponement. Thus the population on which the infant mortality should be calcutated is:—

20,166	Registered births.
8,636	Unregistered births (of children under one year primarily vaccinated in Bombay).
2,936	Unregistered—and escaped vaccination (being 34 per cent.).
31,738	

giving a birth-rate of 32·4 per 1,000 of the population compared with 38·4, the birth-rate for the whole of India."

44. After a series of fearful fatality it was consoling to record last year an appreciable diminution in the City's mortality for the calendar year 1907. The bill of mortality for the year 1908 shows a still further improvement, the death-rate being 39·13 against 39·56 in 1907 and it will be seen from the following table that it is the lightest registered since the outbreak of plague :—

Year.	Number of deaths registered.	Death-rate per mille.
1896... ...	33,451	40·71
1897... ...	47,896	58·28
1898... ...	51,961	63·23
1899... ...	56,434	68·07
1900... ...	79,350	96·55
1901... ...	59,495	76·66
1902... ...	48,414	62·38
1903... ...	50,513	65·09
1904... ...	42,676	54·99
1905... ...	47,762	61·54
1906... ...	52,874	54·07
1907... ...	38,687	39·56
1908... ...	38,271	39·13

45. Climatic conditions being once again less favourable to the prevalence of plague, there were only 5,361 deaths from this disease against 6,389 in the year previous. This is the lowest figure recorded since the advent of the fell disease. The year also witnessed a considerable fall in the mortality from fevers excepting the much discussed scourge of Malaria, but this decrease was counterbalanced by a heavy increase in the mortality from Small-pox and Measles which claimed between them 1,679 victims against only 193 in the year preceding. During the first month of the year Small-pox was prevalent in the City and it rapidly assumed the epidemic stage towards the end of February, due to the influx of pilgrims from Mecea. The Health Officer urges once more the necessity for measures to minimise the chances of importation of the disease from outside. He suggests that persons coming in from infected places should on arrival be made to submit to vaccination and re-vac-

cination and that those arriving by sea and in contact with Small-pox patients on board a ship should not be allowed to land without vaccination. He also advocates compulsory re-vaccination of all children between 8 and 11 years. These questions engaged the attention of a Committee of the Corporation a couple of years ago but the measures advocated by the Committee in their report, dated the 11th June 1908, did not commend themselves to the Corporation. There is however no doubt that some precautionary measures are called for to avert or at any rate minimise the possibilities of further epidemics and the Standing Committee trust the whole question will once again be considered and measures formulated in the light of objections raised before—objections which were principally based on religious and social considerations, particularly the prevalence of the *purdah* system amongst a section of the population.

46. The City was comparatively free from the ravages of Cholera until the closing month of the year when it was imported from Nasik. Prompt precautionary measures were taken to restrict the movement of people from infected areas and the City was saved from any serious outbreak of the disease.

47. As usual the European death-rate was the lowest, being 16·20 against a birth-rate of 14·12. Of all the Native Communities, the Mahomedans show once more the highest death-rate (54·63) and the Parsees the lowest, (27·19), their birth-rates being 23·02 and 25·39 respectively. Amongst the Hindus the mortality was 36·42 and amongst the Native Christians it was 48·10.

48. Notwithstanding the general reduction in the City's mortality there was an increase in the infantile mortality from 8,276 in the year previous to 9,077. This is mainly accounted for by the heavy toll taken by Small-pox and Measles. Calculated on the corrected number of births worked out by the Health Officer the infantile death-roll gives a death-rate of 286 per mille—a much lower rate compared with the appalling rate calculated on the number of births actually registered during the year, but nevertheless a very high rate and the Health Officer suggests the following practical remedies for combating the evil:—

"(1) Provision of lying-in Hospitals for the poor and free medical attendance and provision of a nurse before and after child birth: (2) education of the native mid-wives at the hospital and the registration and licensing of these women: (3) introduction of a section of the Act so as to prevent a woman without a certificate and license to attend on a confinement: (4) provision of Municipal milk depots where women could obtain pure milk at a small cost."

49. The Municipal nurses were as active as before. 518 confinements were attended by them against 521 in 1907 and their house to house visits numbered 68,847 against 69,181. The number of patients who took advantage of the ten Municipal dispensaries and of the two other charitable dispensaries at Colaba and Victoria Bunder, aided by the Municipality, was 87,477 against 90,910 in the previous year. In addition to these 3,077 patients were treated at their houses. 1,605 notifications of infectious diseases were received from qualified medical practitioners and 98 from Hakims and Vaidyas.

50. The work done in the Municipal Laboratory has grown considerably. In the year 1904 only 385 articles were examined, whereas in the year of report the articles numbered 3,754. Of these 1,814 were examined chemically and 1,940 bacteriologically. Experiments were carried on to get ideal disinfectants for Plague. Since kerosene oil and pesterine, although powerful insecticides, have no bactericidal power, experiments were made with a view to adding some chemical to them which would destroy bacteria and it was

found after having tried various disinfectants that Cyanide of Mercury, if mixed with kerosene oil emulsion, acquires the double efficacy of a pulicide and a disinfectant. The Municipal Analyst is of opinion that this would be an ideal disinfectant not only for Plague but for diseases such as Cholera, Enteric, &c. Experiments in rat poison were also carried out and the preparation of the new Laboratory Rat Exterminator was continued.

51. There were 1,387 admissions at the Arthur Road Hospital against 817 in the preceding year. Of these 180 were cases of Relapsing Fever, 22 of Cholera and 828 of Small-pox. 359 cases proved fatal. At the Maratha Hospital 813 patients were admitted and of these 488 succumbed. A notable feature was the admission of 5 European and Eurasian patients suffering from Plague, the St. George's Hospital having ceased to receive them. Further observations were conducted in the serum-therapy of Plague and the results are once again reported to be in favour of the serum-treatment. As usual early treatment appears to have given the most satisfactory results, the mortality rate in respect of patients treated on the first day of illness being only 30·7 per cent. The Committee note with satisfaction that in response to the memorandum submitted by the Special Assistant Health Officer, Khan Bahadur Dr. N. H. Choksey, to the Sanitary Commissioner with the Government of India, the Plague Research Commission has now been asked by Government to undertake investigation into the serum-therapy of Plague in Bombay. The results of this investigation will be awaited with interest.

52. 700,402 cart loads of rubbish were unloaded at the Tardeo Flats and other places as against 781,531 in the preceding twelve months and 118,445 night-soil and cesspool carts and 4,253,730 night-soil baskets were emptied at night-soil depots against 167,786 carts and 3,850,614 baskets in the year previous. The Health Officer's suggestion to improve the system of removal of refuse and town sweepings by motor wagons has been accepted by the Corporation and the experiment will be watched with interest. The question of disposal of refuse by Destructors is still under consideration.

Licenses.

53. With an increase in the number of licenses from 6,973 in the previous year to 7,163 in the year of report, the receipts grew from Rs. 83,347-8-0 to Rs. 84,646. The revenue would have been still greater had not several stables been closed and bone factories removed outside the City. The Committee notice with satisfaction that action for the improvement of milch-cattle stables was continued. In all 37 stables were closed up to the end of the year. The Committee should have liked to know what effect this had on the supply of milk to the City. The question of deficient stabling accommodation for bullock and their housing in unlicensed stables is still engaging the attention of a Committee of the Corporation.

Markets.

54. A decrease of Rs. 5,179 is recorded in the total receipts from the Municipal Markets and Slaughter Houses which aggregated Rs. 4,76,558 against Rs. 4,81,737 during the previous year. The Superintendent of Markets explains that this decrease is due to a fall of Rs. 12,000 in the realisation from the sale of the right of fair ground and feeding fees at Bandora. Nevertheless the result is disappointing. It was hoped last year that with the establishment of two new Municipal Markets at Purbhadevi and Elphinstone Road there would be an appreciable rise in revenue. Both these markets were opened in July 1908 but the realisations on the whole have not fulfilled the Committee's expectations. The quantity of unwholesome food, particularly fish and meat, destroyed by the Department during the year amounted to 213,240 lbs. against 202,142 lbs. in the previous twelve months,

The provisions of the Municipal Act in respect of contraband meat are not as stringent as required and the Corporation have represented to Government the desirability of amending the Act so as to empower the Railway authorities to co-operate with the Municipality in the matter.

Primary Education.

55. Under the Police Charges Act of 1907 the entire control of Primary Education in the City devolved on the Municipality from the commencement of the year of report. The Joint Schools Committee, however, continued till the 1st March 1909 when the new Schools Committee appointed solely by the Corporation came into office.

56. No new schools were opened during the year. There was, however, a rise of 848 in the attendance, the pupils attending the 102 schools having numbered 10,314 against 9,466 in the year previous. The number of aided schools increased from 103 to 112 with 11,138 pupils against 9,652 in the preceding year. There was consequently an increase in the grant-in-aid given to these schools which amounted to Rs. 32,834 against Rs. 29,310 in the twelve months preceding. The year's accounts of the Committee show once again a deficit which amounted to Rs. 35,202 against Rs. 12,076 in the previous year. This deficit was not however unanticipated and was met from the balance of the School Fund. The receipts for the year amounted to Rs. 2,19,686 against Rs. 2,29,058, whereas the expenditure rose from Rs. 2,33,134 to Rs. 2,54,888, due principally to the payment of grain and plague allowances to teachers, to the employment of additional teachers and to increases in the rental paid for school premises. The School Building Scheme for which a sum of ten lakhs has been provided jointly by Government and the Corporation is progressing satisfactorily.

Conclusion.

57. In conclusion, the Standing Committee congratulate the Commissioner, Mr. W. D. Sheppard, I.C.S., on his successful administration during another year.

SASSOON DAVID,
Chairman of the Standing Committee.

MUNICIPAL CORPORATION OFFICE,
BOMBAY, 27*th October*, 1909.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the year 1908-1909.

Introductory.

1. Mr. W. D. Sheppard, I.C.S., continued to hold the Office of the Municipal Commissioner for the City of Bombay throughout the year.

2. The general health of the City was on the whole satisfactory during the year.

3. No circumstances arose in any Department of the Municipality in which it was necessary to put into operation the provisions of the Municipal Servants' Act.

I—CORPORATION AND STANDING COMMITTEE.

THE CORPORATION.

4. The Hon'ble Mr. G. O. W. Dunn, M. Inst. C. E., M. R. San. Inst., was appointed President of the Corporation at the meeting held on the 2nd April 1908 and held that appointment throughout the year.

5. Forty-six meetings of the Corporation and one hundred and sixty meetings of Committees of the Corporation other than those of the Standing Committee were held. Twenty-six other Committee meetings were convened but could not be held.

6. The changes that took place during the year in the personnel of the Corporation were as follows :—

Mr. George Lund resigned on the 5th April 1908 and in his place Mr. C. H. B. Forbes was appointed by Government on the 22nd April 1908.

Mr. Edwin Bollam died on the 19th April 1908 and in his place Mr. Pirojsha Bomanji Petit was elected by the Ratepayers of A Ward on the 8th May 1908.

Sir Jamsetjee Jejeebhoy, Bart., died on the 17th June 1908 and in his place the Hon'ble Arthur Hill Trevor was appointed by Government on the 13th July 1908.

Mr. S. M. Edwardes, I.C.S., resigned on the 31st October 1908 and in his place Mr. Mirza Ali Mohamed Khan, M.A., LL.B., was appointed by Government on the 3rd December 1908.

Sir Hurkisondas Narotumdas, Kt., died on the 16th November 1908 and in his place Mr. Bhagwandas Narotumdas was appointed by Government on the 3rd December 1908.

Mr. F. C. Harrison, I.C.S., resigned on the 17th December 1908 and in his place Mr. T. W. Birkett was elected by the Justices on the 19th January 1909.

Mr. Mahomedalli A. Jinnah, Bar.-at-Law, resigned on the 26th January 1909 and in his place Mr. Mahomedbhoy Hajibhoy Lalji was elected by the Ratepayers of B Ward on the 20th February 1909.

Mr. A. K. Leslie resigned on the 29th March 1909 and in his place Mr. D. F. Leao was appointed by Government on the 29th March 1909.

7. The following Councillors were absent from the meetings of the Corporation for the period shown below for reasons approved by the Corporation under Section 17 (*b*) of the Municipal Act :—

Names.	Period.
Mr. Fazulbhoy Joomabhoy Lalji ...	For 3 months from 1st March 1909.
„ Haji Yoosof Haji Ismail Sobani ...	For 6 months ending 30th November 1908.
The Hon'ble Mr. Hari Sitaram Dikshit, B.A., LL.B. ...	For 6 months ending 31st December 1908.
The Hon'ble Mr. Ibrahim Rahimtoola, C.I.E. ...	For 6 months ending 30th November 1908.
Mr. Karmali Peerbhoy Haji ...	For 3 months ending 31st December 1908.
„ J. A. D. McBain ...	From 14th March up to 30th November 1908.
„ Salebhoy Karimji Barodawalla ...	For 6 months ending 30th November 1908.
„ A. M. Tod ...	From the 1st February up to the 30th November 1908.

THE STANDING COMMITTEE.

8. Mr. Munmohundas Ramji was appointed Chairman of the Standing Committee at the meeting held on the 1st April 1908 and held that appointment throughout the year.

9. There were fifty-three regular meetings of the Standing Committee and forty-one meetings of Sub-Committees thereof. Eleven other Sub-Committee meetings were convened but could not be held.

10. There were 49 attendances of members for the auditing of Municipal Accounts, and 112 for signing cheques.

11. The following was the only change that took place during the year in the personnel of the Standing Committee :—

Mr. S. M. Edwardes, I.C.S., resigned his seat from the 1st November 1908 and in his place Lt.-Col. M. A. T. Collie, M. B. (Aberd), C.M., I.M.S., was elected by the Corporation on the 16th November 1908.

12. The following is the list of Municipal Councillors who held Office on the 31st March 1909 :—

‡ § THE HON'BLE MR. G. O. W. DUNN, M. INST. C. E., M. B. SAN. INST., J.P., *G*, *President*.

ABDUL HUSSEIN ADAMJI PEERBHOY, MR., J.P., *R*. (C Ward).
* BAPTISTA, JOSEPH, MR., L.C.E. (Bombay), B.A., LL.B. (Cantab.), BAR.-AT-LAW, J. P., *R* (E Ward).
‡ § BHALCHANDRA KRISHNA BHATAWADEKAR, SIR, KT., L.M., J.P., *R* (D Ward).
BHAGWANDAS NAROTUMDAS, MR., J. P., *G*.
BIRKETT, T. W., MR, J. P., *J*.
† § CHIMANLAL H. SETALWAD, THE HON'BLE MR., B.A., LL.B., J.P., *U*.
CHUNILAL VIJBHUKANDAS MEHTA, MR., M.A., LL.B., *R* (C Ward).
*COLLIE, M. A. T., LIEUT.-COL., M.B. (Aberd.), C.M., I.M.S., J.P., *G*.
COWASJI JEHANGIR READYMONEY, MR., B.A., (Cantab), J.P., *J*.
† DARASHAH RATANJI CHICHGUR, KHAN BAHADUR, J.P., *G*.
* ‡ DAVID, SASSOON, SIR, KT., J.P., *J*.
D'MONTE, DOMINICK A., DR., M.D., L.R.C.P. (London), L.M. & S., M.R.C.S., L.M.F.S.A., F.R.C.S., M.R.A.S, J.P., *G*.
† DHACKJEE CASSINATHJEE, RAO BAHADUR, J.P., *R*. (C Ward)
DINANATH BALKRISHNA NAIK DANDEKAR, DR., L.M. & S., J.P., *R* (B Ward)
† ‡ § DINSHA EDALJI WACHA, MR., J.P., *R* (A Ward).
DINSHAW MANOCKJI PETIT, SIR, BART., J.P., *J*.
* ‡ DWARKADAS DHARAMSEY, MR., J.P., *R*. (A Ward)
EBRAHIM ADAMJI PEERBHOY, MR. *R* (C Ward).
ELLAPA BALARAM, RAO BAHADUR, J.P., *R* (E Ward).
* § FAZULBHOY CURRIMBHOY EBRAHIM, MR., J.P., *R* (G Ward).
FAZULBHOY JOOMABHOY LALJI, MR., *R* (B Ward)
*FAZULBHOY MEHERALI CHINOY, MR., J.P., *G*.
FERREIRA, D. J. MR., B.A., LL.B., J.P., *J*.
FORBES, C. H. B. MR J. P., *G*.
* GELL, H. G., MR., *M.V.O.*, *J*.
HAJI SULEMAN ABDUL WAHED, MR., J.P., *G*.
HAJEE YOOSOF HAJEE ESMAIL SOBANI, MR., J.P., *J*.
HARI SITARAM DIKSHIT, THE HON'BLE MR., B.A., LL.B., J.P., *R* (D Ward).
‡ HATCH, G. W., MR., I.C.S., J.P., *J*.
‡ † IBRAHIM RAHIMTOOLA, THE HON'BLE MR., C.I.E., J.P., *G*.
* JAFFER RAHIMTOOLA, MR., B.A., BAR.-AT-LAW, J.P., *R* (B Ward.)
JAMSETJEE JEJEEBHOY, SIR, Bart., J.P., *J*.
* JAMSETJEE ARDASEER WADIA, MR., J.P., *G*.
JEHANGIR BOMANJEE PETIT, MR., J.P., *R* (D Ward).
JEHANGIR J. CURSETJI, DR., M.D., L.R.C.P., L.R.C.S., *R* (C Ward)
KARAMALI PEERBHAI HAJI, MR., *R* (B Ward).
KARIMBHOY ADAMJI PEERBHOY, MR., *R* (G Ward).
* KAVASJI EDALJI DADACHANJI, DR., L.M. & S. J.P., *R* (D Ward).
† KAZI KABIRUDDIN KAZI MOULVI BAKIR, MR., BAR.-AT-LAW, J.P., *R* (E Ward).
LAKHAMSI NAPU SHA, MR., J.P., *R* (B Ward).
LEAO, D. F., MR, J. P., *G*.
LISTON, W. G., CAPTAIN, M.D, D.P.H., F.R.S.E., I.M.S., J.P., *G*.
McBAIN, J. A. D., MR., J.P., *J*.
* † MACDONALD, JAMES, MR., J.P., *J*.
MAHOMEDBHOY CURRIMBHOY EBRAHIM, MR., J.P., *R* (F Ward).
MAHOMEDBHOY HAJIBHOY LALJI, MR., J. P., *R* (B Ward).
MILNE, J. S. WARDLAW, MR. *CC*.
MIRZAALI MAHOMED KHAN, MR., M.A., LL.B., J.P. *G*.
MOTILAL JAMNADAS SEVAKLAL, MR., J.P., *R* (C Ward).
MULJI B. BARBHAYA, MR., J.P., *G*.
* MUNMOHUNDAS RAMJI, MR., J.P., *R* (C Ward).
NADIRSHAW H. E. SUKHIA, DR., L.M. & S., L.V. SC. M.R.S.I. (London), *R* (A Ward).
NARAYEN TRIMBAK VAIDYA, RAO BAHADUR, J.P., *J*.
† NARAYEN VISHVANATH MANDLIK, MR. B.A., LL.B., J.P., *J*.
‡ NOWROSJI JEHANGEER GAMUDIA, MR., J.P. *R* (A Ward).
PHIROZE CURSETJI SETHNA, MR., B.A., J.P., *J*.
§ PHEROZESHAH MERWANJEE MEHTA, THE HON'BLE SIR, K.C.I.E., M.A., BAR.-AT-LAW, J.P., *J*.
PIROJSHA BOMANJI PETIT, MR. R (A Ward).
PROES, E. M., MR., A.M. I.C.E., J.P., *G*.
RAMCHANDRA BHASKER MANTRI, MR., J. P., *R* (D Ward).
SALEBHOY KARIMJI BARODAWALLA, MR. *R* (E Ward)
SARAFALI MAMOOJI, MR., *R* (B Ward).
SHAPOORJEE SORABJEE MISTRI, MR., *R* (A Ward)
SHAVAKSHA SORABJI BATLIWALA, DR., L.M. & S., *R* (F Ward),
SORABJI CURSETJI DHONDY, MR., *R* (E Ward).
TAHERALI MAHOMEDALI KAJIJI, MR., M.A., (Oxon), LL D. (Dublin) BAR.-AT-LAW., J.P., J.
TEMULJI, BHIKAJI NARIMAN, DR., L.M., F.R.M.S. (London), J.P., *U*.
TOD, A. M., MR., J.P., *CC*.
TREVOR, A. HILL, THE HON'BLE, *G*.
VITHALDAS DAMODHER THACKERSEY, THE HON'BLE SIR, KT., J.P., *R* (C Ward.)
VITHALRAO KRISHNAJI VANDEKAR, RAO BAHADUR, J.P., *R* (B Ward).

NOTE.—The letters against the names signify—*R*, that the Member was elected by the Ratepayers; J, by the Bench of Justices; CC, by the Chamber of Commerce; *U*, by the University; and G, appointed by Government.

NOTE.—The marks against the names signify—*, Member of the Standing Committee; †, Member of the Schools Committee; ‡, Member of the Board of the City of Bombay Improvement Trust; §, Member of the Board of the Victoria Jubilee Technical Institute.

II.—Heads of Departments.

13. Mr. Joseph Hall, M.I.C.E., M.I. MECH. E., &c., continued as Executive Engineer throughout the year.

14. Mr. N. Maughan, A. M. INST. C.E., Deputy Executive Engineer, Drainage, was on privilege leave for three months from the 25th May 1908 during which period Mr. Dinshaw Dadabhai Daruwala, L.C.E., A.M. INST. C.E., M.R. SAN: I., Assistant Engineer, Drainage, Loan Works, was placed in charge of the duties of the Deputy Executive Engineer, Drainage in addition to his own duties.

15. The appointment of Mr. Arthur E. Sherring as Deputy Executive Engineer, Water Works, terminated on the 3rd July 1908. He was granted privilege leave for 4 months and 22 days from 4th July 1908 in accordance with the terms of his agreement with the Municipality and Mr. Nassarvanji

Dorabji Bhada, L.C.E., A.M.I.C.E., Assistant Engineer, Water Works, was appointed to act as Deputy Executive Engineer, Water Works, from that date pending the appointment of a permanent Engineer.

16. Dr. J. A. Turner, M.B., D.P.H., Executive Health Officer, was on privilege leave for three months from 18th May to 17th August 1908 and on deputation in England from 18th August to 16th October 1908, to obtain by personal enquiry the most recent information on certain sanitary matters. During this period Dr. B. K. Goldsmith, M.B., Ch.B., D.P.H., Assistant to the Health Officer, Sanitary, acted for him.

17. Mr. W. E. Waite, continued as Chief Accountant throughout the year with Mr. Maneckshah Cawashah Taleyarkhan, as Deputy Accountant.

18. Mr. Behramji D. Banaji continued as Assessor and Collector throughout the year.

19. Mr. R. P. Masani, M.A., continued as Municipal Secretary throughout the year.

20. Mr. Sorabji Bomanji Master continued as Revenue and Refund Audit Officer throughout the year.

21. Mr. Douglas Bennett continued as Superintendent of Markets throughout the year.

22. Mr. L. W. Michael continued as Superintendent of Licenses throughout the year.

23. Mr. Cecil L. Burns having been granted 18 months' leave of absence from the 1st May 1908, Mr. G. F. Pollard has been appointed to act for him as Curator and Secretary, Victoria and Albert Museum.

24. Mr. C. D. Mahaluxmivala, Superintendent of Gardens, has been granted combined leave for four and half months from the 15th March 1909 inclusive of 48 days on deputation to enable him to visit the public gardens in the Far East. Mr. Jamshed M. Doctor, Assistant Superintendent, has been appointed to act for him during this period in addition to his own duties.

25. Mr. W. Nicholls continued as Chief Officer, Fire Brigade, throughout the year.

26. Mr. N. B. Masani, Secretary, Joint Schools Committee, was on privilege leave from 6th October to 15th December 1908 during which period Mr. N. G. Welinker, Superintendent, Municipal Schools, acted for him.

27. Captain J. Lacey continued as Storekeeper throughout the year.

28. Mr. Anandrao Waman Shete continued as Assistant to the Commissioner and Superintendent of Printing and Stationery throughout the year.

III.—Financial.

1.—General.

29. The year opened with a working cash balance of Rs. 26,12,566. The revenue realized during the year aggregated Rs. 1,02,86,048 while the expenditure amounted to Rs. 1,06,30,126. There was thus a deficit of

Rs. 3,44,078 which reduced the revenue balance. The year closed with a working cash balance of Rs. 23,13,438 of which Rs. 7,12,338 are reserved for lapsed grants required to be renewed in 1909-1910, and subsequent years. The Surplus Cash Balance at the close of the year amounted to Rs. 16,01,099-11-10, including the minimum of Rs. 1,00,000 required by law and Rs. 7,80,000 reserved for payment to the City Improvement Trust, on account of contribution from Revenues ear-marked for the purpose. In this connection reference is solicited to paragraphs 40 and 41 of the Chief Accountant's report.

II. Income.

30. Although during the year the General Tax continued to be levied at 8 per cent. and the Water Tax at 3½ per cent., the income realised during the year was Rs. 5,07,048 more than the original estimate, principally from Property Taxes, Wheel Tax, Town Duties, Market Receipts, Miscellaneous Receipts and Miscellaneous Fees. The reasons for the deviations have been dealt with by the Chief Accountant in paras. 20 to 24 of his report. Similarly the actual receipts for the year exceeded those of the previous year by Rs. 3,96,723, as will be perceived from para. 26 of the Chief Accountant's report. The incidence of taxation per head of population therefore, increased from Rs. 10-14-5 in 1907-1908 to Rs. 11-4-1 in 1908-1909 on the basis of the Census taken in 1901. The incidence of taxation for 1908-1909 calculated on the figures of the revised Census of 1906 works out at Rs. 8-14-11 per head of population.

31. As compared with the revised estimate there was an increase in the Income of the year of Rs. 1,47,048, the reasons for which are explained in para. 25 of the Chief Accountant's report. The Chief Accountant places the permanent expansion of our revenues at Rs. 3,75,000.

III. Expenditure.

32. During the year under review, the actual expenditure against the sanctioned grants aggregating Rs. 1,15,21,022, amounted to Rs. 1,06,30,126, leaving an unexpended balance of Rs. 8,90,896. Of the latter amount Rs. 7,12,338 require to be renewed, leaving a net saving of Rs. 1,78,558 which was principally effected under :—

(1) Fire Brigade.

(2) Public Works Engineer's Department.

(3) New Works, and

(4) Public Health Department.

33. As compared with the preceding year, there was a net increase in expenditure of Rs. 4,40,925 which occurred principally under General Superintendence, Assessment and Collection Department, Fire Brigade, Public Gardens, Public Works Engineer's Department, Health Department, New Works, Contribution to the City Improvement Trust, Plague Charges and Debt. In para. 39 of his report, the Chief Accountant estimates the permanent increase in expenditure at Rs. 5,00,000 against the permanent increase in Income at Rs. 3,75,000.

34. The amount of lapsed grants requiring renewal has decreased by Rs. 90,901 as compared with the previous year and is fully dealt with in para. 37 of the Chief Accountant's report.

IV.—Loan and Plague Expenditure.

35. The expenditure on Loan Works amounted to Rs. 16,84,141 against Rs. 9,88,024 in the preceding year, the increase being under Drainage, Roads, Markets and Miscellaneous Works.

36. The expenditure on Plague measures during the year amounted to Rs. 2,23,328, showing an increase of Rs. 27,811 on the expenditure of the previous year. The reason of this increase is explained in para. 48 of the Chief Accountant's report.

V.—Debt and Sinking Fund.

37. During the year, the 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries was raised.

38. The payment made by the Municipality during the year towards the reduction of debt amounted to Rs. 1,09,463. The Capital Liabilities of the Corporation were increased on account of the raising of the above loan from Rs. 5,07,82,403 in 1907-1908 to Rs. 5,20,22,939 in 1908-1909.

39. Against this debt, the total Sinking Fund invested upto the close of the year, amounted to Rs. 85,31,186, which left the net debt liability of the Corporation, at the close of the year, at Rs. 4,34,91,753. From Appendix No. 7A attached to the Chief Accountant's report it will be seen that the aggregate total of the different Sinking Fund Investments on 31st March 1909, is in excess of the amount which should have accumulated for the purpose for which the funds have been created by Rs. 35,474.

VI.—Assets and Liabilities.

40. The Assets and Liabilities of the Municipality at the close of the year as compared with the preceding year stand as follows :

	At the close of 1907-1908.	At the close of 1908-1909.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Assets	7,30,89,934	7,49,45,333	18,55,399	.....
Liabilities	5,36,37,174	5,48,29,769	11,92,595	.....
Excess of Assets over Liabilities.	1,94,52,760	2,01,15,564	6,62,804	.....

41. The distribution of the Assets as also the reasons for the increase in Assets and Liabilities are given in paras. 50 and 51 of the Chief Accountant's report.

42. Of the total Liabilities Rs. 5,20,22,939 represented the Capital Debt, Rs. 7,21,354, deposits lodged by Contractors and others, Rs. 2,66,272, undischarged liabilities and other items, and Rs. 18,18,206 booked value of the land transferred to the City Improvement Trust.

43. As regards the revision of our Assets, I asked under my No. 38708, dated the 23rd March 1909, for an additional grant of Rs. 4,000 as an initial expenditure for the employment of the necessary staff for the purpose but the Corporation negatived the proposal. It is my intention to again approach that body on the point.

44. During the year there was a rather large increase in the balance of current stores which is dealt with in para. 72 of the Chief Accountant's report. There was a large reduction in the balance of surplus and obsolete stores from Rs. 2,32,147 to Rs. 58,131. The stock was verified during the year and the results were satisfactory.

45. The Water Works Income and Expenditure account shows a surplus of Rs. 1,29,012, against Rs. 78,375 in the preceding year.

46. The Workshops made a profit of Rs. 10,274 during the year against Rs. 22,990 last year. The decrease is due to the reduction of Supervision Charges from 35 per cent. to 25 per cent.

47. The surplus to the credit of the Fire Tax was reduced during the year to Rs. 76,861.

48. The subject of Test Audit has been dwelt upon by the Chief Accountant in para. 75 of his report.

49. The subject of Street Improvement has been dealt with in para. 74 of the Chief Accountant's report. The question is one beset with difficulties and if the present policy is to continue, we shall in all probability, have to face the necessity for a further loan in the near future. The subject is receiving attention and the Corporation will shortly have an opportunity of expressing their views as to the settled policy to be adopted.

50. As required by the Standing Committee's Resolution No. 12212, dated 3rd February 1892, the net Revenue and net Expenditure for 1908-1909 and the preceding year are given in the following statement.

Particulars.	1907-08.			1908-09.		
	Rs.	a.	p.	Rs.	a.	p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.						
General Tax	28,77,296	6	2	30,49,137	5	0
Fire Tax	... ..			.....		
Wheel Tax and Tolls	4,22,118	12	5	4,72,504	0	5
Town Duties	12,72,662	2	8	11,80,990	14	9
Receipts from Government for Liquor Licenses and Tobacco duty ...	4,24,105	5	2	4,22,640	6	0
Water Revenue (net)	78,375	3	9	1,29,012	5	0
Market Receipts	3,20,850	1	2	2,99,114	5	6
Returns from other property and Miscellaneous	3,34,360	3	5	4,21,200	1	11
Net Receipts ... Rs.	57,29,768	2	9	59,74,599	6	7
Deficit	2,99,876	4	8	3,44,078	10	3
	60,29,644	7	5	63,18,678	0	10
Net Expenditure after deducting Receipts.						
General Superintendence	2,26,905	11	1	2,36,743	12	2
Fire Brigade	34,274	8	11	26,568	8	11
Public Gardens	66,408	13	9	82,732	3	4
Public Works (Engineer's Department, excluding Water Works)	17,09,859	7	4	18,38,782	4	1
Water Works	.....			.....		
New Works (Excluding Water Works)	.....			1,44,616	3	3
Public Health Department (excluding Markets)	9,31,135	15	7	9,90,599	12	4
Municipal Debt (Excluding Water Works)	14,39,534	14	3	14,72,698	4	0
Police	1,38,455	14	11	.....		
Education	2,65,349	10	8	2,76,679	6	7
Hospitals	4,50,150	10	4	4,64,534	9	3
Pensions, Gratuities and Compassionate Allowances...	50,572	13	8	39,962	3	4
Miscellaneous	1,65,876	3	5	71,613	1	10
Contribution to the City Improvement Trust	3,56,081	4	2	4,50,000	0	0
Plague expenses	1,95,038	7	4	2,23,147	11	9
Net expenditure ... Rs.	60,29,644	7	5	63,18,678	0	10

51. The Revenue, Expenditure and Balances of the last five years have been contrasted in the following table :—

	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	(a) 93,36,112	(d) 90,92,539	(h) 96,48,501	(k) 98,89,325	(o) 1,02,86,048
Expenditure	(b) 85,91,618	(e) 93,74,241	(i) 95,20,790	(l) 1,01,89,201	(p) 1,06,30,126
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding Minor Deposits, &c.)	(c) 37,62,449	(f) 34,80,747	(j) 36,08,457	(m) 33,08,581	(q) 30,38,590
Add—Recoverable Revenue Outstanding	1,59,600	1,16,086	1,16,973	81,554	1,17,761
	39,22,049	35,96,833	37,25,430	33,90,135	31,56,351
Deduct—Uncompleted works, &c., the unexpended balances of the grants which were required for payment in the following year.	5,74,910	(g) 7,06,778	6,66,084	(n) 8,03,239	7,12,338
Net workable balance available for requirements of the following year	(c) 33,47,139	(f) 28,90,055	(j) 30,59,346	(m) 25,86,896	(q) 24,44,013

(a) Includes large increases in the Property Taxes and an abnormally large revenue from Town Duties.
(b) Includes Rs. 1,81,919-6-8 on account of Plague expenses debited to Current Revenue for the first time.
(c) Excluding Rs. 7,85,715 on account of the value of reserve stock on hand on 31st March 1905, the net closing balances amounted to Rs. 29,76,734 and Rs. 25,61,424 respectively.
(d) In this year the General Tax was reduced from 10½ to 9 per cent. and Water Tax on meter measurement for trade purposes by annas 2 per 1,000 gallons.
(e) Includes contribution towards the celebration of the Royal Visit to India, large contribution paid to the C. I. Trust, Census charges and other items.
(f) Excluding Rs. 7,74,657 on account of the value of reserve stock on hand on 31st March 1906, the net closing balances amounted to Rs. 27,06,090 and Rs. 21,15,398 respectively.
(g) Includes full outstanding interest charges on the Municipal Loans, and also the large amount renewed for new works not taken in hand or under construction during the year.
(h) Includes large increases in Property Taxes and an abnormally large Revenue from Town Duties.
(i) Includes contribution paid to the City Improvement Trust.
(j) Excluding Rs. 6,92,030, on account of the value of Reserve Stock on hand on 31st March 1907, the net closing balances amounted to Rs. 29,16,427, and Rs. 23,67,316 respectively.
(k) Although the General Tax and Water Tax were reduced from 8⅝ per cent. and 4 per cent. to 8 per cent. and 3½ per cent. respectively during the year, the Income shows an increase.
(l) Includes non-recurring factors such as the purchase of Petrol Motor Engine and Tender, repairs to Bhandarwada Reservoir, arrears of rent due to Government for land at Paltan Road, Arrears of Police Charges due to Government, Grain Compensation and Loss on sale of unserviceable stores.
(m) Excluding Rs. 6,96,015 on account of the value of reserve stock on hand on 31st March 1908, the net closing balances amounted to Rs. 26,12,566 and Rs. 18,90,881, respectively.
(n) Includes the large amount required to be renewed for New Works not taken in hand or under construction during the year.
(o) Includes large increases in the Property Taxes and Miscellaneous Receipts.
(p) Includes large increases principally under Public Works, New Works, Health Department, Contribution to the City Improvement Trust and Debt.
(q) Excluding Rs. 7,25,152 on account of the value of reserve stock on hand on 31st March 1909, the net closing balances amounted to Rs. 23,13,438 and Rs. 17,18,861, respectively.

IV.—Assessment and Collection of Revenue.

52. The total amount collected under all heads exclusive of Miscellaneous Receipts and Toll Fees was Rs. 66,01,970-8-10 againts Rs. 62,99,584-5-2 collected during the past year.

53. Miscellaneous Receipts aggregated Rs. 35,386-7-2 against Rs. 34,707-3-4 during 1907-08. The Toll Fees realized amounted to Rs. 22,566-10-8 against Rs. 22,736-10-8 in 1907-08.

54. The number of properties in the Assessment Book on the 31st March 1909 was 59,317 against 57,498 for the preceding year. Complaints against the assessment numbered 4,576 against 4,288 during 1907-08.

55. There were 14 appeals to the Chief Judge of the Small Causes Court against 10 last year ; of these 12 were settled out of Court and withdrawn by the appellants and 2 were pending at the close of the year.

REVENUE AUDIT.

56. The books and balances of the Ward Clerks in the seven Ward Offices were duly examined at the end of each quarter and the bills checked in detail after comparison with the Head Office Accounts. The Assessment Books in the Head Office were also examined with a view to ascertain that no taxation of property had been evaded. The revenue from Public Land Conveyances was audited and certificates of issue of licenses were duly checked with the Register. The books of the Toll Farmers at Mahim and Sion Causeways were checked, as also the Revenue Receipts and Vouchers of the different Departments. The number of claims for 1/5th drawback aggregated 8,872 of which 3,323 were admitted. The number of complaints against valuation under Section 163 of the Municipal Act heard by the Revenue and Refund Audit Officer, aggregated 1,059 against 881 for the previous year and the number of decisions on complaints against amendments under Section 167 of the Act scrutinised amounted to 470 against 465 for the past year. The number of claims to refund for vacancy under Sections 174 to 179 and on account of over collections scrutinised and sanctioned aggregated 2,612 representing Rs. 33,418-9-4.

TOWN DUTIES.

57. The total collections for the year amounted to Rs. 27,26,192-8-10 against Rs. 29,00,764-6-8 in the past year. Of this the amount refunded was Rs. 14,03,010-9-0 resulting in a net revenue of Rs. 13,23,131-15-10 against Rs. 13,15,543-4-8 in the preceding year. Firewood continued to be exempted from Town Duty during the year as in the preceding year..

58. The number of refund claims dealt with was 45,783, against 46,037 in the preceding year.

V.—Public Works.

DRAINAGE.

59. The engines and pumps at the Love Grove Pumping Station and the Machinery at the Colaba Air Compressor Station and the several Ejector Stations worked satisfactorily throughout the year. At the Love Grove Air Compressor Station an accident happened to Engine No. 1 on 29th November which resulted in the breakage of the high pressure connecting rod and the twisting of the high pressure crank 18° back from its proper position. The rod was subsequently replaced by a new one and the twist in the crank shaft not being considered serious; its use has been continued.

60. Owing to the two boilers at the Colaba Air Compressor Station showing signs of weakness, the Corporation under their Resolution No. 5378 of 26th November 1908, sanctioned the conversion of the existing steam driven machinery into electrically driven plant.

61. During the year under report, a further step in the matter of preventing the surcharging of sewers was taken, *viz.*, the acceptance of the Lilleshall Co.'s tender for the new pumping machinery at a cost of £40,100.

62. The details of the several sewerage and drainage works carried out during the year will be found in the Executive Engineer's report.

WATER-WORKS.

63. *Tansa Lake*—The rainfall for 1908 was 90·18 inches against 96·10 inches for 1907. The total quantity of water received in the lake was about 30,316 million gallons or about 44 per cent. of the total rainfall on the catchment area of 33,600 acres. There were two bursts on the 48″ Tansa Main during the year.

64. *Vehar Lake.*—The rainfall for 1908 was 76·54 inches against 88·51 inches for 1907. The total quantity of water received in the lake was about 4,544 million gallons. The quantity of water collected from the Vehar catchment area of 3,900 acres amounted to 4,359 million gallons or 63·4 per cent. of the total rainfall. The old 32″ Vehar main laid within the limits of the G. I. P. Railway between Kurla and Dadar was removed during the year and since the 4th of July 1908, Vehar water has been brought into the City through the new main. There were 6 bursts on the old 32″ and the new 48″ and 32″ mains during the year.

65. *Tulsi Lake.*—The rainfall for 1908 was 101·96 inches against 119·41 inches for 1907. The total quantity of water received in the lake was 2,454 million gallons or 62·4 per cent. of the total rainfall on the catchment area of 1,700 acres.

66. The work of repairing the Tulsi Tunnel was completed during the year.

67. The work of water-proofing the Bhandarwada Reservoir was in progress during the year.

68. *Supply and Distribution.*—The several works carried out for this purpose are detailed in the Executive Engineer's report.

69. There were 132 bursts in different mains, 552 new connections were made and 361 connections were cut off for various reasons. The total number of connections at the end of the year was 22,054 and the number of meters in use was 3,121. The number of cases in which the sanction of the Standing Committee was obtained for disconnections aggregated 187.

WATER-WORKS, SPECIAL BRANCH.

70. The underground and aboveground defects detected and remedied by this Branch, aggregated 821 and 5,394, respectively.

REGULATION OF STREETS AND BUILDINGS.

71. The number of applications for permission to either build or rebuild houses, etc., aggregated 3,827 against 3,162 during the preceding year. 364 Notices were issued for the removal of unsafe, dangerous or ruinous buildings, 316 of which were complied with either partly or wholly. In 23 cases, the structures were removed by the Municipality ; 24 cases were pending at the close of the year and in one case the Municipality was restrained by the High Court. 13 buildings or parts of buildings fell before being noticed by the Buildings Department. In 10 of these cases no injury to life occurred but in 3 cases, 8 persons were killed and 7 injured. Para. 229 of the Executive Engineer's report gives details of the number of cases submitted to the Standing Committee for the removal of unauthorised work. 5,046·94 square yards of ground estimated to cost Rs. 2,98,201-11-10 was added to streets.

ROADS.

72. The area of roads metalled during the year was 11,224,743 square feet at a cost of Rs. 3,53,283-7-6, the rate of metalling working out at 6·04 pies per square foot. 2,382,000 square feet of roads were treated with Crude Petroleum during the year at a cost of Rs. 25,580 and the quantity of oil used was 573 tons and 64 gallons purchased at the rate of Rs. 40 per ton.

PUBLIC LIGHTING.

73. The total number of gas lamps at the end of the year was 4,400 and the total number of Kerosine oil lamps was 1,831. The total cost of gas lighting amounted to Rs. 2,79,412-15-3 and the net cost of kerosine oil lighting to Rs. 46,807-15-9.

MUNICIPAL WORKSHOPS.

74. The Municipal Workshops kept in repairs numerous articles of plant and machinery used by different Departments and a large number of new works were executed there. The re-sheeting of the roof of the fitting, erecting, machine and smiths' shops was carried out during the year. The hydraulic lift in the Municipal Offices was replaced by an Electric lift at a cost of Rs. 13,455-5-3.

INSPECTION, IMPROVEMENT AND DEMOLITION OF INSANITARY BUILDINGS UNDER THE EPIDEMIC DISEASES ACT.

75. 132 insanitary houses were inspected of which 112 were found to be more or less in need of improvement and 20 to be incapable of improvement. 10 houses and sheds were demolished by the Municipality and 143 insanitary houses for which improvement Notices were issued were demolished by the owners. Certificates for fitness for human habitation were issued in respect of 436 buildings. Overcrowding in houses was abated in 80 cases.

WORKS IN CONNECTION WITH PLAGUE MEASURES.

76. Sites at Chowpati and Gamdevi were allotted to different Communities for erecting Health Camps, Latrines, water supply and lighting arrangements at the camps were provided by the Municipality. Health Camps were also provided by the Municipality at different places.

77. The Streets and Buildings Branches of the Executive Engineer's Department were separated during the year and the House Improvement Branch was amalgamated with the Buildings Branch.

GENERAL STORES DEPARTMENT.

78. The balance of the serviceable stock on hand at the end of the year amounted to Rs. 4,71,080-5-1 as compared with Rs. 4,38,072-3-6 at the close of the preceding year.

79. The balance of surplus and obsolete stock amounted to Rs.53,924-9-0 at the end of the year as against Rs. 1,95,355-13-4 for the preceding year, being a decrease of Rs. 1,41,431-4-4, owing principally to the disposal of Drainage stores by sale of the value of Rs. 65,308-5-9 and articles of the value of Rs. 1,09,597-7-4 being transferred to Line Suspense Account.

80. The value of stores purchased during the year amounted to Rs. 7,35,678-4-1 and that of stores issued amounted to Rs. 7,02,670-2-6.

FIRE BRIGADE.

81. The Fire Brigade was efficiently maintained throughout the year.

82. No casualties or deaths occurred at fires but three persons succumbed to injuries caused by an explosion of petrol on a petrol barge in the harbour and two persons died of burns due to the overturn of a kerosine oil lamp while they were asleep.

83. Nine persons were successfully rescued from the fourth storey of a burning house by means of a new Fire Escape.

84. The Brigade was called to five cases of fallen houses and extricated 17 persons from the debris of whom 6 were found dead when extricated and 11 were removed to Hospital of whom 2 died and 9 recovered.

85. The total loss of property through fire was Rs.23,94,164, a fall of Rs. 9,42,110 from the figure of the previous year. The bulk of the losses were covered by insurance.

86. Including 5 false alarms there were 107 calls to fires.

87. The water supply at fires was satisfactory.

88. The new Motor Engine which was obtained from Messrs. Merryweather & Sons, towards the close of 1907-08, was brought into use during the year under report and has proved a valuable addition to the Brigade.

PUBLIC GARDENS.

89. The number of Public Gardens was the same as in the last year.

90. The popularity of the Victoria Gardens as a place of public resort was well maintained and in consequence largely of the increased provision of good music, the total attendance for the year increased from 1,745,495 to 2,060,343.

91. Additions were made to the Botanical and Horticultural specimens and the Zoological collection was improved by the addition of various birds and beasts from Europe and elsewhere.

VICTORIA & ALBERT MUSEUM.

92. The Museum was open to the public during 313 days of the year. The total number of visitors was 8,82,493 giving a daily average attendance of 2,820. The daily average for the preceding year was 2,778.

VI.—PUBLIC HEALTH.

93. The total mortality for the year exclusive of still-born was 38,271 against 38,687 for the preceding year. This is the lowest mortality recorded since 1897. 5,361 deaths were attributed to Plague, a figure which is the lowest since Plague first broke out in Bombay. The Executive Health Officer's report gives full details of the working of the Health Department and the measures adopted in dealing with Plague and other diseases.

94. The number of births registered was 20,166 against 19,535 in the preceding year.

95. During the 3rd quarter of the year, a severe wave of Malaria passed over Bombay in common with the rest of India.

96. The ten Municipal Dispensaries continued to do good work.

LICENSES.

97. The receipts from license fee amounted to Rs. 84,646-8-0 being an increase of Rs. 1,299 over the receipts of the previous year. The number of licenses issued was 7,163.

98. Action for the improvement of insanitary milch cattle stables was continued and the total number of stables closed up to the end of the year, amounted to 37.

MARKETS.

99. The total revenue from Markets and Slaughter Houses aggregated Rs. 4,76,558-8-3 against Rs. 4,81,737-13-1 in the preceding year.

100. The Special Staff for the suppression of the traffic in contraband meat seized 1,10,997 lbs. of beef from Kurla and instituted 42 prosecutions during the year. The amount of fines inflicted by the Presidency Magistrates on importers of contraband meat aggregated Rs. 1,017.

101. The quantity of unwholesome food, particularly meat and fish destroyed was 1,02,243 lbs. excluding the quantity of contraband meat above referred to.

102. Two new Municipal Markets, *viz.*, one at Purbhadevi Road and another at Elphinstone Road were opened during the year.

VII.—Education.

103. The number of Municipal Schools at the close of the year was 102 as in the preceding year with 10,314 pupils against 9,466 for the past year.

104. The number of Aided Schools was 112 with 11,138 pupils against 103 with 9,652 pupils during the preceding year. The total amount of grant-in-aid paid was Rs. 32,834 against Rs. 29,310 awarded in 1907-08.

W. D. SHEPPARD,
Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT

FOR 1908-09.

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LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC

FINANCIAL.

REPORT of Mr. W. E. WAITE, Chief Accountant, for the financial year 1908-1909 as forwarded with his No. 3760 of 15th July 1909.

I HAVE the honour to offer the following remarks on the financial transactions of this Municipality for the year 1908-1909.

2. After years of endeavour Departments seem to have realized that it is possible to submit documents for my accounts within the period fixed by the Commissioner. The result is that I am able to submit this report at a date considerably in advance of any hitherto customary or achievable. Whether history will repeat itself will depend on whether Departments continue to appreciate the value of punctuality.

GENERAL RESULTS.

3. During the year the General Tax continued to be levied at 8 per cent. and the Water Tax at 3½ per cent. The income amounted to Rs. 1,02,86,048 against Rs. 98,89,325 in the preceding year, showing an expansion of revenue of Rs. 3,96,723 which will be found dealt with further on under "Income." The expenditure of the year aggregating Rs. 1,06,30,126 shows an advance on the previous year of Rs. 4,40,925, and is dealt with under "Revenue Expenditure." The net result of the year's working is a deficit of Rs. 3,44,078 against a deficit of Rs. 2,99,876 during 1907-1908.

4. With two deficits in two succeeding years and with the reduction of the Surplus Cash Balance to the minimum consistent with safety, it will be apparent that the cycle when our income advanced with stationary rates of taxation faster than our expenditure is passed, and a period has established itself when increased taxation must be resorted to to meet the increasing needs of the City.

5. The original Budget Estimates of revenue stood at Rs 97,79,000. This was increased to Rs. 1,01,39,000 in the Revised Estimates to provide for the expansion which was then perceptible. The figures actually realized, *viz.*, Rs. 1,02,86,048 indicate an increase of Rs. 5,07,048 over the original estimate and of Rs. 1,47,048 over the Revised Estimate.

6. The expenditure for the year, *viz.*, Rs. 1,06,30,126, shows an increase of Rs. 5,49,445 on the original Budget Estimate of Rs. 1,00,80,681. As compared with the finally amended estimate of Rs. 1,15,21,022 there remained an unexpended balance of Rs. 8,90,896, out of which renewals of grants to the extent of Rs. 7,12,338 are required to meet expenditure in 1909-1910 and future years, thus leaving a net saving of Rs. 1,78,558 on the final estimates for the year.

Opening and Closing working balances.

7. Including recoverable advances to the extent of Rs. 3,35,465 for administrative purposes, and Rs. 8,03,239 reserved for the renewal of lapsed grants for 1907-08 and previous years, the year opened with a working cash balance of Rs. 26,12,566. It closed with a balance of Rs. 23,13,438, of which Rs. 7,12,338 represents the renewal of lapsed grants for 1908-09 and previous years, Rs. 1,00,000 the minimum cash balance required by law and Rs. 7,80,000 the balance required to be reserved to meet the contribution to the City Improvement Trust on the 1st April 1909.

Reserve stores stock.

8. The sum standing at the debit of "Reserve stores stock" at 31st March 1909 (including Surplus and Obsolete stores of the value of Rs. 58,131) aggregated Rs. 7,25,152, as compared with Rs. 6,96,015 (including Surplus and Obsolete stores of the value of Rs. 2,32,148) at the beginning of the year. There was thus a net increase of Rs. 29,137.

Additional and Lapsed grants.

9. The sums made available for expenditure during the year in addition to the original Budget grants aggregated the very large figure of Rs. 14,40,342. The grants lapsing to Surplus Cash Balance and requiring renewal in 1909-1910 aggregated Rs. 7,12,338, as compared with Rs. 8,03,239 renewed in 1908-09.

10. Including all recoverable advances, except lapsed grants to be renewed in 1909-1910 and Rs. 1,00,000 required to be reserved under the Act, the Surplus Cash Balance at the close of the year aggregated Rs. 15,01,099 against Rs. 17,09,327 at the beginning of the year, bringing out a decrease in available balances of Rs. 2,08,228.

Surplus Cash Balance.

11. I would accentuate the fact that this "Surplus" includes a sum of Rs. 7,80,000 reserved for the City Improvement Trust and would bring to notice that already during the year 1909-1910 the surplus balance has been entrenched on to the extent of Rs. 2,52,000, that the recoverable advances include a fairly large sum which was thought might be recovered from Government, but which we may now have to bear (*vide* para. 71), and finally that during 1909-1910 we shall have to provide further large sums for Grain Compensation, &c., not covered by the taxation of that year. We have thus, in my opinion, reached, as I have stated above, "the minimum consistent with safety" in regard to our Surplus Cash Balance.

12. The population of Bombay as indicated by the Census of 1901 was 776,006, which was increased to 977,822 by the special Census of 1906. The incidence of taxation per head of population during each of the five years ending with 31st March 1909, worked out on the figures of the Census taken in 1901 and in 1906, compares as under :—

Incidence of taxation.

	On the Census of 1901.			On the Census of 1906.		
	Rs.	a.	p.	Rs.	a.	p.
1904-05	10	6	9	8	4	4
1905-06	10	0	6	7	15	5
1906-07	10	11	3	8	7	10
1907-08	10	14	5	8	10	5
1908-09	11	4	1	8	14	11

13. The outstandings of rates and taxes at the close of the year 1908-09 stood at Rs. 1,34,111 against Rs. 98,780 in the previous year, thus showing an increase of Rs. 35,331 as follows :—

Income outstandings.

Outstandings at	General Tax.	Water Tax.	Halalkhore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1908 ...	48,438	27,931	19,147	2,984	280	98,780
31st March 1909 ...	59,792	44,438	26,770	2,550	561	134,111
Increase ...	11,354	16,507	7,623	434 Decrease	281	35,331

14. As compared with the year 1907-08 when the income realized amounted to Rs. 98,89,324, the receipts for the year under review show an increase of Rs. 3,96,723, due to the continued expansion in our stable sources of revenue.

Comparison with 1907-1908 (*a*) Income.

15. The total revenue expenditure for the year shows an increase of Rs. 4,40,925 on the previous year. The increase is due chiefly to (*a*) increased outlay of Rs. 17,500 in Public Gardens, (*b*) extra outlay of about a lakh and eighty three thousand in the Public Health Department, (*c*) increased expenditure of Rs. 1,72,000 under Public Works (Engineer's) Department, (*d*) an increase of Rs. 11,000 under Education and (*e*) an increase of Rs. 93,900 under Contribution to the City Improvement Trust.

(*b*) Expenditure.

16. The Municipal Debt at 31st March 1908 stood at Rs. 5,07,82,402. During the year the 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries of the Health Department was raised, and Rs. 1,09,463 having been repaid, the balance payable at 31st March 1909 amounted to Rs. 5,20,22,938. The increase in our liabilities was in consequence of the raising of the abovementioned Loan.

Debt.

Sinking Fund.

17. Against the outstanding debt the Sinking Fund Investments on the 31st March 1908 amounted to Rs. 76,48,457. To this were added during the year Rs. 5,40,321 on account of Annual Sinking Fund Instalments, and Rs. 3,42,408 on account of interest on the invested funds, bringing the total Sinking Fund Investments at 31st March 1909 to Rs. 85,31,186.

Loan Works Fund.

18. The original Budget Estimate amounted to Rs. 18,77,198 and the Revised Estimate was placed at Rs. 22,47,264, against which the total expenditure incurred during the year amounted to Rs. 16,84,141, a much nearer approximation to estimates than characterized the year 1907-08 when against a Budget Estimate of Rs. 20,36,000 and a revised estimate of Rs. 16,04,655, the actuals amounted to only Rs. 9,88,024.

Plague expenditure.

19. In this year the expenditure on Plague operations was, as in the previous year, financed from current revenue, the amount expended during the year being Rs. 2,23,328. This sum raised the total expenditure of this Municipality for Plague purposes from the commencement of Plague operations in 1896-97 to the close of the year to Rs. 70,30,398.

INCOME.

Comparison between Budget estimates and Actuals.

20. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 2.

21. As in previous years the Income exceeded the original Budget estimates, the net excess in the year under review being Rs. 5,07,048, which includes decreases totalling Rs. 33,349 in consequence of increased expenditure resulting in a falling off on the profits accruing from the investment of our Surplus Balances. The gross increase in Income aggregated Rs. 5,40,397. The tendency to this large advance in Income was noticed while framing the revised estimates and an increase of Rs. 3,60,000 was then provided. The factors contributing to variations between the original Budget estimate and the Actuals have been the unusually large realizations from the "Water Tax", the increases in the receipts from "Wheel Tax", "Town Duties", "General Tax", "Halalkhore Tax" and "Market Receipts", and the largely increased income from "Miscellaneous Receipts", and "Miscellaneous Fees".

22. In my last report I pointed out that the revenue from Water Tax amounting to Rs. 19,48,830 for the year was very high. In the Budget for 1908-09 the estimated revenue from this source was put at Rs. 18,73,000, and in the Revised Budget increased to Rs. 19,23,000; but the actuals amounted to Rs. 20,04,188-12-1 notwithstanding that the Water Tax continued to stand at the reduced rate of 3½%. It will be perceived that there is a steady increase in this source of revenue. Owing, however, to the defective information available in the Water-Works Department, it is impossible to arrive at any accurate forecast of the income from this source. The increase of Rs. 46,319 in the receipts from "Town Duties" is due to an under-estimate dictated by caution in a source of revenue subject during preceding years to very pronounced fluctuations. The increase of Rs. 34,871 and Rs. 34,222 in "General Tax" and the "Halalkhore Tax" respectively, is comparatively small, and is such as might arise in any estimating carried out months in advance of the final results.

23. There was an increase of Rs. 56,857 under "Wheel Tax and Tolls," owing to the sums withheld by the owners of victorias in the previous year having been paid during the year under review. The large increase amounting to Rs. 1,38,780 under "Miscellaneous Receipts" is due to an unexpected sale of Municipal land to the Port Trust in connection with the construction of the overbridge at Mazagon for the Harbour Branch Railway, and the large receipts from the sale of the right of skinning dead animals; the levying of fees for projecting galleries, scaffoldings and such obstructions account for the increase under "Miscellaneous Fees."

24. The increase of Rs. 10,974 under "Land Conveyance Licenses" is due to Government having transferred the receipts from Music and Motor Car Licenses to the Municipality under the Police Charges Act of 1907.

II. Comparison between Revised Estimates and Actuals.

25. From Appendix No. 2 it will be seen that the increases under the different heads aggregated Rs. 2,18,592 against which the decreases amounted to Rs. 71,544, thus resulting in a net increase of Rs. 1,47,048, or a variation of slightly over 1·45 per cent. The small increase of Rs. 4,871 in an estimate of Rs. 32,90,000 for "General Tax" calls

for no remarks.. There was an increase of Rs. 19,857 under "Wheel Tax" owing to the arrears due, as alluded to in para. 23 above, having been heavier than anticipated. As remarked in previous years, it is practically impossible to forecast with any precision the revenue from "Town Duties," which realized Rs. 28,680 less than was anticipated while framing the Revised Estimates. There was an increase under "Land Conveyance" of Rs. 12,974 owing to the payment by Government of arrears of fees collected by them for Music and Motor Licenses. The large increase of Rs. 81,188 in the Water revenue is due to defective estimating consequent on the difficulties experienced in getting reliable data from the Water Works Department. The large increase of Rs. 70,279 under "Miscellaneous Receipts" is attributable to the Revised Estimates having been deliberately framed at a reasonable figure in view of the contingency, which at that time amounted almost to a certainty, of our not receiving from the Port Trust the full amount for the land sold for the Harbour Railway. (*Vide* para. 23 *ante*).

III Comparison between the Actuals for 1907-1908 and 1908-1909.

26. Although the General Tax continued to be at the reduced rate of 8 per cent. and the Water Tax at 3½ per cent., the income for the year under review (*vide* Appendix No. 2) exceeded that of the previous year by Rs. 3,96,723—a matter for congratulation when analysis shows that no inconsiderable portion of this increase was in our stable sources of income, *viz*;—"General Tax" Rs. 1,81,025, Water Tax" Rs. 55,358 (both at reduced rates of taxation) and "Halalkhore tax" Rs. 72,347. There was also an increase of Rs. 49,965 in Wheel Tax. The increase of Rs. 1,22,411 in "Miscellaneous Receipts" is due to reasons explained in para. 23.

27. The position as regards our principal sources of income, *viz.*, "General Tax", "Water Tax" and "Halalkhore Tax" continues very satisfactory, as will be seen on a reference to the accompanying Statement comparing the receipts from these sources during the year 1907-1908 and 1908-1909 according to the Assets and Liabilities system of accounts. The result of the year, as compared with the previous year, it will be seen is an increase of Rs. 3,69,000. The falling off of Rs. 93,883 in "Town Duties" is due to the unstable nature of this source of revenue as repeatedly explained. The decrease of Rs. 12,716 under "Profit of Municipal Workshops" is a mere book adjustment, due to a reduction from 35 per cent. to 25 per cent. in the percentage charged on work done by that Department for other Municipal Departments to cover supervision. The falling off of Rs. 18,556 under "Interest on Investments of Surplus Loans and other Balances" is due to heavy reductions in our surplus balances consequent on increased expenditure and more restricted borrowings.

1907-1908.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax at 8⅜%—			
Total collections booked	31,13,845 15 3		
Less— Recoveries for previous years ...	34,289 7 11		
	30,79,556 7 4		
Add— Outstandings for the year at the close of the year	41,822 0 3	31,21,378 7 7	
2. Water Tax and Miscellaneous W. W. Revenue—			
3¾% on rateable value. Total collections booked	19,43,830 6 4		
Less— Recoveries for previous years	39,253 11 2		
	19,00,576 11 2		
Add— Outstandings for the year at the close of the year	25,759 0 3	19,35,335 11 5	
3. Halalkhore Tax— Total collections booked	10,46,874 3 7		
Less— Recoveries for previous years ...	16,967 10 5		
	10,29,906 9 2		
Add— Outstandings for the year at the close of the year	17,601 3 0	10,47,507 12 2	61,04,221 15 2

1908-1909.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General tax at 8⅜%—			
Total collections booked	32,94,871 3 11		
Less— Arrear Recoveries	26,299 13 4		
	32,68,571 6 7		
Add— Outstandings for the year at the close of the year	52,438 5 8	33,21,009 12 3	
2. Water Tax and Miscellaneous W. W. Revenue—			
(3¾% on the rateable value.) Total collections booked	20,04,188 12 1		
Less— Recoveries for previous years	23,664 12 6		
	19,80,523 15 7		
Add— Outstandings for the year at the close of the year	40,645 8 9	20,21,169 8 4	
3. Halalkhore Tax— Total collections booked	11,19,222 2 11		
Less— Recoveries for previous years	12,202 5 9		
	11,07,019 13 2		
Add— Outstandings for the year at the close of the year	24,288 9 2	11,31,308 6 4	64,73,487 10 11

Net Income from Property Taxes for 1908-09 ... ... Rs.	64,73,487 10 11	
Deduct— Net Income from Property Taxes for 1907-08 ... ... „	61,04,221 15 2	
Increase in 1908-09 over 1907-08 ... ... Rs.	3,69,265 11 9	

28. Summing up the position in regard to our revenues for 1908-1909 as compared with 1907-1908, I think that, allowing for similar rates of taxation for the two years, the permanent expansion of our revenues during 1908-1909 may be put at 3¾ lakhs.

OCTROI DUTIES.

29. As usual the various articles on which duty was levied at the time of import under the provisions of Section 192(1) of the Municipal Act, the amount levied and the refunds allowed thereon under Section 192(2) on their export, are shown in Appendix No. 3.

30. The gross collections for the year having been estimated at Rs. 28,10,000, and the refunds at Rs. 15,60,000, a net revenue of Rs. 12,50,000 was provided in the Budget for 1908-1909. The actual gross realizations were less than the estimate by Rs. 83,807 ; the refunds paid by this Department during the year were also less than the estimate by Rs. 1,36,900, and the balance at the close of the year being more than the opening balance by Rs. 6,168, the net result was an increase of Rs. 46,924 over the Budget Estimate. Deducting from the last amount Rs. 605, being the commission payable to the two Railways which was adjusted in the accounts for 1907-1908, the net increase under Town Duties amounted to Rs. 46,319 as shown in Appendix No. 2. The net revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 12,96,320 against Rs. 13,90,203 in the preceding year and the net realizations, after deducting the cost of collection, amounted to Rs. 11,80,991, against Rs. 12,72,662 in the previous year.

31. The gross collections for the year under review with the refunds therefrom will be found compared with those of the preceding year in Appendix No. 3 B. It will be perceived therefrom that there were increases under Grain and Timber and decreases under Beer, Sugar, Ghee and Wines and Spirits as compared with the revenue derived from these sources last year.

REVENUE EXPENDITURE.

I.—Grants for expenditure from current Revenue.

32. From Appendix No. 4 it will be seen that the grants originally sanctioned by the Corporation under Section 129 of the Municipal Act aggregated Rs 1,00,80,681. To this sum were subsequently added (1) Rs. 4,60,645 on account of lapsed grants for 1906-1907 and previous years, including transfers sanctioned in 1907-1908 not utilized in that year, and Budget grants for 1907-1908 not wholly or partially utilized in that year, sanctioned by the Corporation in 1908-1909, (2) Rs. 3,42,593 on account of lapsed grants for 1907-1908 and (3) Rs. 6,37,102, on account of additional grants sanctioned for unforeseen expenditure during the year, including Rs. 15,529-14-0 received by us in excess of the estimates on account of interest on Sinking Fund Investments. The total sanctioned grants for the year aggregated Rs. 1,15,21,022.

33. The transfers made from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 1,47,905.

34. The principal items above Rs. 10,000 making up the additional grants of Rs. 6,21,572 above referred to are :—

		Rs.	a.	p.
(1)	To meet the extra expenditure involved in the proposed variation of the Schedule of Establishment of the Executive Engineer's Department	19,629	0	0
(2)	To meet additional expenditure in respect of Grain Compensation Allowance to Municipal employes drawing Rs. 16 and under per month	1,91,010	0	0
(3)	To meet the cost of work to be carried out for extending the Sewree Cemetery	16,989	8	0
(4)	For contribution towards the expenses of the Bombay Medical Congress proposed to be held in Bombay in February 1909 ...	10,000	0	0
(5)	To meet the payment of Grain Compensation Allowance to Municipal Employes whose pay exceeds Rs. 16, but does not exceed Rs. 30 ...	20,500	0	0
(6)	To meet the payment of Grain Compensation Allowance to temporary Municipal Employes drawing Rs. 16 and under	43,500	0	0
(7)	To meet excess in the grant for Road Repairs, &c. for 1907-1908 ...	22,250	0	0
(8)	To meet the cost of oiling and tarring certain main thoroughfares in the City during the fair season	25,000	0	0
(9)	To meet the charge incurred in excess of the Budget grants for the year 1907-1908 by certain Departments of the Municipality as shown in Statement D accompanying Commissioner's No. 18877 of 19th December 1908	15,800	8	1

		Rs.	a.	p.
(10)	To meet excesses in the grants for the feed of bullocks of the Health Department, Conservancy Branch, due to the abnormally high rates payable for grain and fodder during the year	85,000	0	0
(11)	To meet increments to clerks in the grade of Rs. 25—3—40 and increased Conveyance Allowance to Ward Clerks of the Assessment Department	15,700	0	0
(12)	To meet the cost of the work of extending sub-way under the Arthur Road Level Crossing through which the Tansa Main passes ...	10,054	0	0
(13)	To meet the cost of converting the steam driven Air Compressor Machinery at the Colaba Air Compressor Station into an electrically driven plant	12,400	0	0

II.—Comparison between the grants as finally sanctioned and actuals.

35. As stated in para 32 the grants finally made available for expenditure during the year aggregated Rs. 1,15,21,022—an unprecedented figure—(*vide* Appendix No. 5) against which the total expenditure actually booked amounted to Rs. 1,06,30,126, leaving once more an unnecessarily high unexpended balance of Rs. 8,90,896. Out of the latter amount Rs. 7,12,338 are required to be renewed for expenditure in 1909-1910, leaving a saving of Rs. 1,78,558 or 1·55 per cent. on the total sanctioned grants minus renewals against 1·52 in the preceding year. The following figures show the percentage of savings to the sanctioned grant for the last five years :—

Year.	Final sanctioned grants after deducting savings taken credit for in the Revised Estimates.	Unappropriated net savings.	Per centage.
	Rs.	Rs.	
1904-1905	93,26,641	1,60,113	1·72
1905-1906	1,03,25,590	2,44,571	2·36
1906-1907	1,04,32,893	2,46,019	2·36
1907-1908	1,11,62,694	1,70,253	1·52
1908-1909	1,15,21,022	1,78,558	1·55

36. The principal variations between the actuals and the allotted grants which call for remarks are :—

A.	Fire Brigade	Rs.	8,821
B.	Public Works Department	,,	70,378
C.	New Works	,,	16,286
D.	Public Health Department	,,	63,550

leaving minor savings aggregating Rs. 19,523 under other service heads. The causes of the variations under the above heads are explained below :—

A. Fire Brigade, saving Rs. 8,821. This was principally due to additional staff for the new Motor Fire Engine and Tender not having been engaged for the whole year, and to our having had to pay a smaller amount than estimated for Telescopic Ladders and other appliances.

B. Public Works (Engineer's Dept.). The most important of the savings, aggregating Rs. 70,378, were :—

Drainage	Rs.	18,218
Water Works (ordinary)	,,	21,086
Water Works (special)	,,	8,205
D. Road and footpaths	,,	10,414
Total	Rs.	57,923

Under "Drainage" the saving was due partly to the full budget strength of labourers not having been employed owing to the scarcity of labour, partly to a smaller number of bullock pairs having been hired, partly to savings in repairs and alterations to Miscellaneous Drains & Gutters, in cleaning open main drains and in the maintenance and upkeep of open main drains, and partly to less Grain Compensation as less labour was employed.

Of the saving of Rs. 21,086 under ordinary Water Works Rs. 14,065 were on account of the saving in the salary of the Water Engineer, and the non-employment of establishment for watching and regulating the supply of water to fires, Rs. 3,228 were under Materials, Tools & Plant, Rs. 1,015 under Workshop Charges and Rs. 1,500 under Maintenance of the Pumping Engine at Malabar Hill due to the Engine not having worked on

account of the main having been broken in consequence of the land slip at Gibbs Road. There was a saving of Rs. 8,205 under Water Works, Special Branch, of which Rs. 2,156 were on account of the non-employment of the staff to the full extent as provided in the Budget, and Rs. 3,864 under Repairs and Renewals of underground portions of service pipes.

There was a saving of Rs. 10,414 under "Roads and Footpaths" which was partly due to savings in Grain Compensation, the grant on account of the same being in excess of the actual requirements, and partly to the grant for planting new trees not having been fully utilized.

C. New Works. The saving of Rs. 16,286 under this head was due to less expenditure being incurred on different works than originally estimated.

D. Public Health Department. Of the saving of Rs. 63,550 in this Department, Rs. 2,802 were effected under General Supervision, Rs. 42,542 under Conservancy, Rs. 7,356 under Markets and Slaughter Houses, Rs. 1,465 under Registration of Births and Deaths, Rs. 1,256 under Cemeteries, Rs. 846 under Milch Cattle Stables, Rs. 776 under Tank Conservancy, Rs. 904 under Laboratory, Rs. 841 under Infectious Diseases and Rs. 4,560 under Vaccination.

The saving under Conservancy of Rs. 42,542 was due to the maximum number of cart drivers not having been employed, to less expenditure in the feed grant in consequence of the casting of bullocks, and to savings in Grain Compensation, the full labour staff not having been employed.

The saving of Rs. 7,356 under Markets and Slaughter Houses was due to labour carts not having been hired to the extent anticipated and to the maintenance charges on account of the Motor Tractor and Trailer being less than provided for.

There was a saving of Rs. 4,560 under Vaccination which was principally due to the reduced salary allowed to the Superintendent of Vaccination appointed in the place of the late Mr. Kantak.

The other small savings under different heads call for no remarks.

III. Lapsed Grants.

37. The grants lapsing at the close of the year and requiring renewal in 1909-1910 aggregate Rs. 7,12,338. The heads under which the renewals are required will be found in Appendix No. 5. It will be seen that the principal renewals are in General Superintendence, Public Gardens, Public Works, New Works, Public Health, Miscellaneous, Education and Debt. The amount proposed to be renewed in 1909-1910, as compared with the preceding year (Rs. 8,03,239), shows a decrease of Rs. 90,901. The per centage of renewed grants to grants allotted was 6·18 against 7·2 in 1907-08, 6·38 in 1906-07, 6·84, in 1905-06 and 6·16 in 1904-05. The following high per centages of lapses to grants sanctioned call for special notice:—

	Per cent.
General Office Establishment.	22
Victoria Gardens.	29
New Works, Victoria Gardens.	100
Water Works, ordinary	17
Road Watering	10
Oiling and Tarring Roads	36
New Works...	56
Discretional Contingencies...	47
Victoria and Albert Museum	11

The Lapsed Grants in "New Works" and "Debt" alone amounted to over Rs. 3,78,000. The latter which amounted to Rs. 1,55,000 cannot be helped, and though some improvement has been made on the past two years, there is still an inexcusable degree of laxity in working upto sanctioned grants and in submitting bills for work done. Until it is generally realized that grants made outside the Budget towards the end of a year will generally lapse, and till Officers in charge of Works and Departments insist on the prompt submission of bills, instead of delaying them, as sometimes happens now, from five to six months and over, the present large per centage of lapsed to sanctioned grants will continue, notwithstanding the continual complaints made by this Department.

IV. Comparison between the actual expenditure during 1907-1908 and 1908-1909.

38. The Revenue expenditure of the year under report, as compared with the preceding year, shows increases aggregating Rs. 7,65,870 under certain heads, and decreases aggregating Rs. 3,24,945 under others, thus leaving a net increase of Rs. 4,40,925. The principal variations are explained below :—

A. General Superintendence.—The decrease of Rs. 13,251 under Corporation and Standing Committee's establishment is due to increased Printing and Advertisement charges in the preceding year. The increase of Rs. 3,569 under Municipal Commissioner's Personal Office Establishment is attributable to the Privilege Leave Allowances due to the Commissioner in 1907-08 having been paid during the year and to the payment of increased salary to the Commissioner in that year. The increase of Rs. 9,486 under General Office Establishment is due partly to increased Law Charges in 1908-09 and to the purchase of fire buckets. There was an increase under Accounts and Expenditure Audit Establishment of Rs. 4,308 due to grade increments to Clerks, to Grain Compensation, to acting allowances and to the employment of temporary staff.

B. Assessment and Collection Department.—The increases under this head amounted to Rs. 15,424 and the decreases to Rs. 3,808. Of the former Rs. 12,745 under Property & Wheel Tax Establishment are attributable partly to grade increments to Clerks, partly to the increase in the Conveyance Allowances to Ward Clerks and partly to Grain Compensation : Rs. 1,280 and Rs. 1,398 under Licensing Establishment and Revenue and Refund Audit Establishment, respectively, are due to grade increments to Clerks and to Grain Compensation. The decrease of Rs. 3,808 is due to less commission on "Town Duties" having been paid during the year, owing to the falling off in the gross realizations.

C. Fire Brigade.—There was an increase of Rs. 3,311, which was due to extra staff having been engaged for the Motor Fire Engine and Motor Tender.

D. Public Gardens.—There was a net increase of Rs. 17,746 under Gardens. Rs. 19,240 represent the increase under Victoria Gardens, due principally to the construction of the Tiger House, and Bear Cage, and a Conservatory, and a Camel House. The small increases amounting to Rs. 280 and the small decreases under the different gardens aggregating Rs. 1,774, call for no special remarks.

E. Public Works Engineer's Department.—The net increase of Rs. 1,72,780 is made up as follows :—

		Increase.	Decrease.
(1)	General Supervision and Miscellaneous Duties ...	4,515	...
(2)	Mechanical Branch	16,389	...
(3)	Sanitary, Disposal of Town Sweepings	879	...
(4)	Drainage Branch	42,043	1,453
(5)	Water Works, ordinary and special	...	9,225
(6)	Streets and Buildings Branch	1,19,776	144
		1,83,602	10,822

(1) The increase of Rs. 4,515 under "General Supervision" is due to the increase in the salary of the Executive Engineer, to the appointment of additional staff for measuring works executed by contractors and to the advertisement charges being more than last year.

(2) The increase of Rs. 16,389 under "Mechanical Branch" is due to increased charges on account of repairs to machinery at Love Grove Pumping Station, and to the rate of coal being higher than in the preceding year.

(3) The small increase of Rs. 879 under "Sanitary, Disposal of Town Sweepings" calls for no remarks.

(4) The increase of Rs. 42,043 under "Drainage" was partly owing to the increase in the labour staff and grade increments to clerks, partly to the hire of additional labour carts, partly to Grain Compensation, partly to the construction of 20 additional Silt Carts and partly to an extensive diversion of drains necessitated by the enforcement of a larger number of set-backs. The decrease of Rs. 1,453, which occurred under Maintenance of sluices, was owing to certain sluices having been transferred to the Deputy Executive Engineer, Mechanical Branch.

(5) There is a decrease of Rs. 5,539 under ordinary Water Works due to the savings in the pay of the Water Engineer. The decrease of Rs. 3,685 under Special Water Works is due to less repairs and renewals of under ground portions of service pipes having been executed during the year.

(6) *Streets & Buildings.*—There was an increase of Rs. 1,19,776, due partly to the increase in the Establishment in consequence of the re-organization of the Inspectorial Staff, to the grade increments to clerks, to the lighting of additional lamps, to the increased expenditure on the Maintenance of Roads and Footpaths, and to the payment of Grain Compensation to the labour staff.

(7) *New works.*—There was an increase of Rs. 63,520, owing to more works having been executed during the year.

F.—Public Health Department.—There are increases aggregating Rs. 2,09,731 and decreases amounting to Rs. 26,853 under this head, thus causing a net increase of Rs. 1,82,878. The principal increases and decreases were as follows :—

		Increase. Rs	Decrease. Rs.
(1)	General Supervision	19,589	...
(2)	Conservancy Branch	1,53,036	...
(3)	Markets and Slaughter Houses	15,015	...
(4)	Registration of Births and Deaths	...	15,605
(5)	Cemeteries	...	7,974
(6)	Mahaluxmi Dhobiwada	1,768	...
(7)	Infectious Diseases	10,014	...
(8)	Vaccination	...	1,596
(9)	Contribution payable to the Bombay Medical Congress	10,000	...

(1) *General Supervision.*—The increase of Rs. 19,589 under this head is principally due to the inclusion under this head of the two appointments of Assistant Health Officers created under the new Re-organization Scheme.

(2) *Conservancy Branch.*—The increase of Rs. 1,53,036 was due principally to the employment of additional Scavengering and Halalkhore staff, to the increase in the wages of Cart Drivers and Scavengers, and to the abnormally high prices ruling for fodder.

(3) *Markets and Slaughter Houses.*—The increase of Rs. 15,015 under this head is due partly to the employment of staff for checking the import of contraband meat into the City, partly to the high ruling rates for fodder, and to the opening of two new markets at Elphinstone and Parbhadevi Roads.

(4) *Registration of Births and Deaths.*—There is a decrease of Rs. 15,605 in consequence of the appointment of District Registrars on reduced salaries under the New Scheme.

(5) *Cemeteries.*—The decrease of Rs. 7,974 under this head is due principally to a payment during the preceding year of the capitalized value of land at Mount Road, Mazagaon.

(6) *Mahaluxmi Dhobiwada.*—The increase is due to enhanced consumption of water.

(7) *Infectious Diseases.*—The increase is due to increased rates of diet and to the treatment of an increased number of patients at the Hospital.

(8) *Vaccination.*—The small decrease under Vaccination was due to the retaining as an ordinary Vaccine Station of a part of the former Central Vaccine Depot at Kalbadevi Road, &c.

(9) *Contribution payable to the Bombay Medical Congress.*—This was a special contribution during the year.

G. *Stores Department.*—The increase of Rs. 3,012 was due to increase in the staff and to expenses incurred on account of the verification of stores during the year

H. Education.—The net increase under this head amounts to Rs. 11,335. Rs. 5,000 is on account of the increased contribution to the V. J. T. Institute, Rs. 4,706 on account of providing five show cases, &c., in the Victoria and Albert Museum, and Rs. 1,431 on account of the purchase of a Typewriter and the salary of the acting incumbent during the absence of the Secretary to the Schools Committee on Privilege leave.

I. Hospitals.—The increase of Rs. 14,384 is due to the transfer of expenditure on account of Dispensaries from the Plague Grant, to which it had hitherto been debited, to the grants for Hospitals, under the provisions of the Police Charges Act of 1907.

J. Miscellaneous.—There was a net decrease of Rs. 1,01,750 under this head which was due to payment of extraordinary items of expenditure during the preceding year, *viz.*, loss sustained by the sale of unserviceable stores (Rs. 84,805), and payment of Rs. 32,932, on account of arrears of rent due to Government for land occupied by the Workshops at Paltan Road.

K. Contribution to the C.I. Trust.—An increased contribution of Rs. 93,918 had to be made to the City Improvement Trust during the year.

L. Plague Expenses.—This head shows an increase of Rs. 27,811. The reason of the increase is fully explained in the remarks under Appendix No. 9 A.

M. Municipal Debt.—The increase of Rs. 71,304 is due to the payment of interest for the whole year on the second instalment of the second 24¾ Lakhs Loan raised in 1907-08, to the payment of interest on the 13½ Lakhs Loan raised during the year, and to the investment of interest which accrued on Sinking Fund Investments.

39. In accordance with the practice introduced by me, I shall now endeavour to estimate what may be looked upon as the permanent addition to our revenue expenditure during the year under review. As already stated the net excess in the expenditure of the year over that of the preceding year amounted to Rs. 4,40,925. There were, however, specially heavy debits in 1907-08 on account of a write off of stores and arrears of rent due to Government (*vide* para. 38 *J ante*) and such must be excluded in arriving at a just comparison between the two years.

There is no doubt that the normal expenditure of the Municipality has increased to an unusual extent during the year under review. I estimate the permanent increase at Rs. 5,00,000, as follows :—

General Supervision	Rs. 4,000
Assessment and Collection	,, 15,000
Public Gardens	,, 9,000
Public Works	,, 1,35,000
New Works	,, 50,000
Health Department...	,, 100,000
Contribution to the C. I. Trust	,, 1,37,000
Education	,, 5,000
Hospitals	,, 14,000
Debt	,, 31,000
Total Rs...	5,00,000

In para. 28, I have placed the expansion in Income at Rs. 3¾ Lakhs and with an increase in expenditure of Rs. 5,00,000, it will be seen, as stated in para. 4, that "The cycle, when our income at stationary rates of taxation advanced faster than our expenditure", has indeed come to a close.

SURPLUS CASH BALANCE.

Appendix No: 6.

40. The Surplus Cash Balance (excluding the minimum balance of Rs. 1,00,000 required by law but including Rs. 7,80,000 reserved for payment to the City Improvement Trust on account of Contribution from Revenues ear-marked for the purpose during the year) stood at Rs. 15,01,099-11-10 against Rs. 17,09,327-1-11 at the close of 1907-08, showing a decrease of Rs. 2,08,227-6-1 caused by the year's deficit of Rs. 3,44,078-10-3, a decrease of Rs. 90,900-7-5 in the balance of Lapsed Grants to be renewed, an increase of Rs. 29,137-3-0 in the Reserve stock balances, and an increase of Rs. 74,087-15-9 in consequence of the transfer of the School Building Fund to the General Fund. The balance at the close of the year was Rs. 2,12,923-11-10 in advance of the original estimate

of Rs. 13,88,176 and also exceeded the Revised Estimate by Rs. 3,57,813-0-4. The latter increase is due to (1) the extra income realizations amounting to Rs. 1,47,047-13-3(*vide* para. 25), (2) savings in expenditure amounting to Rs. 1,78,557-8-11 (*vide* para 35), (3) increase of Rs. 74,087-15-9 in consequence of the transfer of the School Building Fund to the General Fund, (4) difference of Rs. 0-2-3 on account of the decrease shown in the opening balance of the Revised Estimate, (5) excess of Rs. 13,535 in the Revised Estimate, (6) less Rs. 29,137-3-0 on account of increase in the balance of reserve stock (*vide* para. 73), (7) less Rs. 26,278-4-10, on account of difference in excess between the amount reserved for additional grants and those actually sanctioned.

41. A reference to Appendix No. 6 will show that I have, in order to avoid any misconception as to our available unhypothecated balances, excluded the contribution of Rs. 7,80,000 paid to the City Improvement Trust on the 1st April 1909 from revenue collected for the purpose during 1908-09. Our real Surplus Cash Balance unhypothecated to any purpose at the close of the year, thus amounted to Rs. 7,21,099-11-10. I have already in para. 11, (General Results, Surplus Cash Balance) made it clear that even this balance has been entrenched upon already in 1909-1910 to the extent of Rs. 2,52,000 and that further demands will have to be made upon it for extraordinary expenditure for the year 1909-10 not covered by the taxation for that year. When I further mention that during the first week of April each year heavy interest payments have to be made on account of the Tansa Loan and that these should come from a Reserve source unhypothecated to any other purpose, it will, I trust, be apparent that we cannot in prudence make any further large grants from this source.

LOANS RAISED.

Appendix No. 6A.

42. The amount of loans raised upto 31st March 1909, as shown in the above Appendix, aggregated Rs. 4,82,00,500, the total amount expended on Loan Works stood at Rs. 4,74,77,127-15-0 and the invested balance at Rs. 7,23,372-1-0.

DEBT AND SINKING FUND.

Appendix Nos. 7, 7A & 8.

43. The total Capital debt of the Corporation at the beginning of the year amounted to Rs. 5,07,82,402-9-10 of which Rs. 23,71,902-9-10 represented the Vehar Debt due to Government, and the balance was due to the public. During the year under report, as decided by the Corporation, on the recommendation of the Commissioner, the 13½ Lakhs Loan for the construction of quarters for Halalkhores and Begaries, Health Department, was raised. The amount paid during the year towards the reduction of the Vehar Debt was Rs. 19,463-12-7 and Rs. 90,000 were repaid to certain holders of the debentures of the Drainage Loan of 1878. There was thus a net increase of Rs. 12,40,536 in the Capital debt of the Corporation, which stood at Rs. 5,20,22,938-13-3 on 31st March 1909, against Rs. 5,07,82,402-9-10 at the beginning of 1908-1909. Of the total debt Rs. 23,52,438-13-3 represented the amount due to Government. Against the total debt due, the Sinking Fund invested upto 31st March 1909 amounted to Rs. 85,31,185-15-2, which left a net debt liability of Rs. 4,34,91,752-14-1.

44. From Statement No. 7 it will be observed that 25 debentures of the aggregate value of Rs. 12,500 of the Drainage Loan of 1878, which were redeemable on 1st January 1906 and 1st January 1909 were not surrendered for repayment by the holders upto the close of the year. There was thus an increase of Rs. 2,000 in the outstanding balance at the close of the preceding year.

45. Appendix No. 8 shows that the outstanding interest on the different Municipal Loans at the beginning of the year amounted to Rs. 1,57,347-1-4, which together with Rs. 22,15,493-2-5 on account of interest payable during the year under report, gave a total liability of Rs. 23,72,840-3-9. Against this the net interest paid by the Bank of Bombay during the year under report amounted to Rs. 22,26,974-11-1 against Rs. 21,95,335-15-4 in the preceding year. The outstanding balance at the close of the year under report amounted to Rs. 1,45,843-13-0 or Rs. 11,503-4-4 less than the figures for the preceding year. The outstanding represents 6·1 per cent. of the total interest payable against 6·69 in 1907-1908.

46. From Appendix No. 7A it will be seen that the invested balances of the Sinking Funds on 31st March 1909 amounted to Rs. 86,58,803-5-6, which was Rs. 35,474 in excess of what should have accumulated for the purpose for which the funds have been created. In my last report I stated that some trifling adjustments will have to be made in some of the funds. These are being made during the current year.

EXPENDITURE ON LOAN WORKS.

Appendix No. 9.

47. The total outlay on Loan Works during the year (excluding Plague expenditure which was met from current revenue) aggregated Rs. 16,84,141-0-10 against Rs. 9,88,024-8-6 in the preceding year, showing an increase of Rs. 6,96,116-8-4. The above expenditure was distributed as under :—

		Rs.	a.	p.
(1)	Sewerage and Drainage Works	5,23,968	1	9
(2)	Water Works	2,46,407	10	6
(3)	Roads	4,19,404	8	5
(4)	Markets	24,122	15	11
(5)	Sanitary and other Miscellaneous Works	4,70,237	12	3
	Total Rs.	16,84,141	0	10

Details of the expenditure will be found recorded as Appendix No. 9.

PLAGUE EXPENDITURE.

Appendix No. 9 A.

48. The net revenue expenditure on Plague operations during the year, as shown in Appendix No. 9-A, amounted to Rs. 2,23,328-5-8 against Rs. 1,95,516-14-3 in the preceding year, showing an increase of Rs. 27,811-7-5 in the year. This was mainly due to Plague Allowances having had to be paid to the Municipal employes who shifted into non-infected areas during the period of the epidemic, to heavier expenditure on rat destruction and to increased outlay on the construction of huts and rent of land for health camps.

49. The total expenditure incurred on plague from the commencement of operations to the close of the year under report aggregates Rs. 70,30,398, and was financed as under :—

		Rs.
(1)	From the 20 Lakhs Plague Loan	20,00,000
(2)	From the Government Contribution	14,50,000
(3)	Advance from Loan Funds	25,10,052
(4)	From Current Revenue	10,70,346
	Rs.	70,30,398

LIABILITIES AND ASSETS.

Appendix No. 10.

50. The gross liabilities of the Corporation were Rs. 5,36,37,173-13-0 at the beginning of the year against Rs. 5,48,29,769-11-10 at its close, showing an increase of Rs. 11,92,595-14-10. This is on account of the raising of the 13½ Lakhs Loan during the year.

Assets.

A. Cash and Paper available for expenditure on Revenue and Capital Projects.

		Rs.	a.	p.	Rs.	a.	p.
(1)	Cash balance	10,85,658	14	8			
(2)	Surplus Funds Deposits	16,26,046	6	11			
(3)	Loan Funds	7,23,372	1	0			
					34,35,077	6	7
B.	Sinking Funds Investments				85,31,185	15	2
C.	Special Funds Investments				7,29,870	3	7
D.	Advances Recoverable, Paper Deposits, and other items				5,90,358	7	10
E.	Reserve Stock				7,25,151	15	0
F.	Properties				5,91,15,483	14	2
G.	Debt due by the Improvement Trust for land transferred				18,18,205	5	11
					Rs. 7,49,45,333	4	3

51. Comparing the booked assets with the liabilities it will be seen that the former exceeded the latter by Rs. 2,01,15,563-8-5, showing an increase of Rs. 6,62,803-9-0 on the

preceding year. An explanation of the decrease in the invested balances is dealt with under the heads "Investments and Invested balances" (para. 52—56). "Debt" will be found treated of in para. 43. "Deposits," "Advances Recoverable" and other "Debt" heads are dealt with under "Suspense Accounts" (para. 66., *et. seq.*), where remarks on the Reserve Stock will also be found.

It is eleven years since I first urged the necessity of revising the valuation of our properties, but nothing has been done in the matter. The Commissioner in his No. 38708, dated the 23rd March 1909, asked for an additional grant of Rs. 4,000 for the employment of the necessary staff for the purpose, but the result has been to leave the question in "*Statu Quo*".

Investments and Invested Balances.

52. When the original Budget Estimates for 1908-09 were framed, a sum of Rs. 1,60,000 was estimated to be derived from interest on Investments of Surplus Loan and other balances. Owing, however, to the very heavy demands during the year on our Surplus and Loan Balances, the actual realizations amounted to Rs. 1,32,375 or Rs. 27,625 below the original estimates. They were derived on the following accounts:—

		Rs.
(1)	On Current Account Deposits at 2 per cent.	7,696
(2)	On Fixed Deposits	65,113
(3)	On Investments in Government and other Securities	59,566
	Rs.	1,32,375

53. Inclusive of investments on account of the Sinking, Insurance, Worn-out Mains Renewal and Net Premia Funds, the total sum of investments and re-investments arranged for by this Department during the year aggregated Rs. 89,60,750 thus:—

		Rs.
(1)	Current Account Deposits	25,25,000
(2)	Fixed Deposits	52,00,000
(3)	Investments in Public Securities...	2,65,120
(4)	Sinking and Special Funds	9,70,630
	Rs.	89,60,750

54. The average rate of interest realized on fixed deposit was 4·442 per cent. against 4·17 per cent. in the preceding year. The rates realized for fixed deposits from 28 days to six months ranged from 3 per cent. to $6\frac{1}{4}$ per cent. The maximum rate realized in the preceding year was 8 per cent.

55. It will be observed from Appendix No. 10B that the invested balances at the close of the year stood at Rs. 1,19,08,874-10-8 or Rs. 6,92,385-7-3 less than the preceding year.

56. The Surplus Funds Investments for the year under review show a large decrease consequent on the deficit for the year and the swelling of the actual cash balance in hand (*vide* Appendix No. 10) by deposits falling in at the close of the year, which were required immediately in the beginning of the succeeding year for the payment of interest and the contribution to the City Improvement Trust. The decrease under Loan Fund Balances is due to the heavier rate of loan expenditure. The growth of the Sinking Funds requires no explanation.

SPECIAL FUNDS.

Fire Insurance Fund.

57. The investment of the annual instalment of Rs. 5,000, plus the investment of accrued interest on invested balances, swelled the fund from Rs.1,05,648-1-10 on 31st March 1908 to Rs. 1,15,137-8-2 at the close of the year, thus showing an increase of Rs. 9,489-6-4.

Worn-out Water Mains Renewal Fund.

58. No special contribution was made to this Fund from revenue sources during the year. The amount expended on renewal work was only Rs. 7,320-15-4, so that with the interest realized on the invested balances, the Fund increased from Rs. 5,60,327-0-11 at the close of the past year to Rs. 5,77,155-10-11 at the close of the year under review.

Net Premia Fund.

59. During the year the 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries of the Health Department was raised. The discount, stamp charges payable thereon, less the amount of interest realized on the invested balances of this fund and the sale of watermarked paper, contributed to the reduction of the balance to the credit of this fund from Rs. 58,747-1-6 to Rs. 37,577-0-6.

School Building Fund.

60. The Corporation having approved under their Resolution No. 2567, dated the 13th July 1908, of the Commissioner's recommendations that the cost of the construction of Primary Schools should be met from Loan Funds, and that the School Building Fund, which having failed to fulfil the object with which it was started, should be recredited to the Municipal Fund, the whole accumulations of the Fund, which amounted to Rs. 72,868-12-0 in paper and Rs. 1,219-3-9 in cash, total Rs. 74,087-15-9, were transferred to Revenue during the year under review.

WATER WORKS ACCOUNT.

APPENDIX NO. 11.

Income and Expenditure Account.

61. In the original Budget Estimates the Water Works Income was placed at Rs. 18,73,000, and the expenditure at Rs. 18,90,000, showing a deficit of Rs. 17,000. The actual income, however, amounted to Rs. 20,04,188-12-1 (excluding items aggregating Rs. 1,74,426-11-0 on account of interest on investments on the Worn-out Water Mains Renewal and Water Works portion of the Net Premia Funds, and on Investments of the Water Works portion of the 5, 4 and 3½ per cent Municipal Loans Sinking Funds, which appear on the expenditure side). There was thus an increase of Rs. 1,31,188-12-1 under Income. Excluding the items of investments amounting to Rs. 1,74,426-11-0 above referred to, the expenditure amounted to Rs. 18,75,176-7-1 or Rs. 14,823-8-11 less than the estimate. Deducting from the excess income amounting to Rs. 1,31,188-12-1 the deficit of Rs. 17,000 originally estimated, and adding the saving in expenditure of Rs. 14,823-8-11, we get a net surplus revenue of Rs. 1,29,012-5-0 as shown in Appendix No. 11.

62. As compared with the preceding year, the income for the year under report (excluding the items of interest) shows an increase of Rs. 55,358-5-9, which was derived from taxation both by valuation and by meter measurements. The expenditure shows an increase of Rs. 4,721-4-6, due to an increase in the apportionment of the General Superintendence, &c., Charges.

Assests and Liabilities.

63. The payments of Rs. 19,463-12-7 made to Government towards the reduction of the Vehar Debt, and of Rs. 34,149-15-4 towards the repayment of the Water Works portion of the Drainage Loan of 1878, reduced the liabilities from Rs. 2,54,14,726-14-4 at the close of the preceding year to Rs. 2,53,61,113-2-5 at the close of the year under report.

64. The assets aggregated Rs, 3,35,48,538-11-1 against Rs. 3,32,48,553-4-1 at the close of 1907-08, showing an increase of Rs. 2,99,985-7-0, which was made up of (1) Works executed out of savings on different Loans amounting to Rs. 19,183-15-7 (*vide* Appendix No. 9), (2) Rs. 7,320-15-4 incurred from the Worn-out Water Mains Renewal Fund, and (3) the additions made to the Worn-out Water Mains Renewal Fund and Sinking Fund Investments, &c.

65. From Appendix No. 12, it will be seen that the excess of Assets over Liabilities amounted to Rs. 81,87,425-8-8 or Rs. 3,53,599-2-11 in excess of the amount shown in the report for the preceding year.

SUSPENSE ACCOUNTS.

A.—Deposits.

66. The cash deposit outstandings at the close of the year aggregated Rs. 3,93,896-5-8 against Rs. 3,93,808-5-0, and were made up of :—

		Rs.	a.	p.
1.	Cash Deposits from Contractors	1,53,650	13	1
2.	Cash Deposits received through Departmental Officers...	58,532	12	2
3.	Other Cash Deposits	1,47,947	8	8
4.	Deposits on account of work performed for private parties.	33,765	3	9
	Rs.	3,93,896	5	8

B—*Inter-Departmental Charges.*

I.—Workshops.

67. The opening balance was Rs. 26,821-0-7 or Rs. 2,657-1-5 more than in the preceding year.

The cost of labour and supervising staff employed, and of stores used on the works turned out in the shops during the year amounted to Rs. 1,68,135-12-9, against Rs. 1,55,807-6-3 in the previous year, the increase being due to certain extra works undertaken during the year, such as re-constructing dust-bin carts to new pattern, erecting ejector and tubbing at Nepean Sea Road, constructing 20 silt carts for the Drainage Department, and renewing the corrugated roofing sheets over the filters and smiths' shops of the Municipal Workshops. The total outlay in the Workshops during the year together with the opening balance aggregated Rs. 1,94,956-13-4.

The recoveries made during the year, including Rs. 73-2-0 realized by the sale of saw-dust, Rs. 2,397-0-10 realized by the sale of unserviceable stores, and Rs. 337 for brass scrap returned to stores, amounted to Rs. 1,81,994-12-8, and the outstandings at the end of the year, including incomplete jobs and value of stores issued in March, aggregated Rs. 23,236-3-6. There was a net profit of Rs. 10,274-2-10 against Rs. 22,990-5-10, realized in the preceding year, and against the Budget estimate of Rs. 10,000, the decrease in the profit being mainly due to the 35 per cent. supervision charges being reduced to 25 per cent. from March 1908.

The outstandings are made up of the following items:—

	Rs.	a.	p.
Stores issued in March 1909 and charged in the accounts for 1908-09 under the system of Stores Accounts	6,788	15	10
Outstanding bills	15,188	0	3
Incomplete jobs	1,259	3	5
Rs.	23,236	3	6

By charging 25 per cent. on all jobs a sum of Rs. 32,163-14-8 was obtained, adding to which (1) the sum of Rs. 2,807-2-10 realized by the sale of unserviceable stores and saw-dust and the return of brass scrap to stores and (2) Rs. 1,032-4-2 the profit realized by the hire of the pumping engine, &c., the gross profits of the shops aggregated Rs. 36,003-5-8, from which the following shop and supervision, &c., charges amounting to Rs. 25,729-2-10 were met, leaving a net profit of Rs. 10,274-2-10 as stated above:—

	Rs.	as.	p.
1. Supervising Establishment	11,316	3	9
2. Shop charges	14,412	15	1
Rs.	25,729	2	10

2—*Other Works.*

68. The outstanding balances on 31st March 1909 in respect of Departmental and Private Works executed by different branches of the Executive Engineer's Department, excluding Workshops, is contrasted below with that on 31st March 1908. The account at the end of this year is fairly in order and steps continue to be taken to clear old outstandings.

	Balance on 31st March 1908.	Balance on 31st March 1909.	More.	Less.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A.—DEPARTMENTAL WORKS.					
(1) Drainage Branch.	2,878 5 11	1,857 10 0	.....	1,020 11 11	
(2) Roads & Buildings Branch.	9,342 9 2	(*a*) 11,038 14 7	1,696 5 5	.....	(*a*) This is on account of bills having remained unadjusted during the last year in consequence of there being an excess in the Budget Grant under "A Miscellaneous Drainage Section V Repairs to Roads", "Plague Charges" &c.
(3) Water Works Branch.	30,242 8 9	(*b*) 29,829 14 7	.....	412 10 2	(*b*) Out of this Rs. 15,923-13-7 represent the value of stores issued in March 1909 and included in the accounts for 1908-09.
Rs. ...	42,463 7 10	42,726 7 2	1,696 5 5	1,433 6 1	
B.—PRIVATE WORKS.					
Drainage Branch.					
On account of House Connection Works.	3,676 10 4	(*c*) 3,445 0 10	.....	231 9 6	(*c*) It is now not possible to make further recoveries in this matter. On receipt of a detailed statement from the Drainage Engineer which has been called for, the amount will have to be written off.
On account of Ordinary Works.	6,411 1 0	1,145 5 6	.....	5,265 11 6	
On account of cleaning Chokes.	4 5 4	.....	.....	4 5 4	
Total Drainage Branch.	10,092 0 8	4,590 6 4	.....	5,501 10 4	
Roads and Buildings Branch.	11,758 8 4	(*d*) 13,821 4 9	2,062 12 5	.....	(*d*) Out of this amount, Rs. 6,770-7-5 have been recovered during 1909-10.
Water Works Branch.	13,055 0 6	4,856 9 5	.....	8,198 7 1	
Health Department (Removing Chokes).	5,703 7 11	(*e*) 8,237 7 1	2,533 15 2	.....	(*e*) The outstandings are partly for the year 1904-05, partly for the year 1906-07, partly for 1907-08, and partly for 1908-1909. As the house-owners refuse to pay these bills, sanction has been applied for to file suits against the house-owners concerned.
Rs. ...	40,609 1 5	31,505 11 7	4,596 11 7	13,700 1 5	

C.—Advance to Contractors.

69 The outstandings at the close of the year amounted to Rs. 18,003-9-2 against Rs. 40,694-9-8 during 1907-08, and were efficient. There is still an outstanding of Rs. 15,721-4-5 against Messrs. Deoram Keshawji & Co. This has remained unadjusted during the year as the contractors still demur to receiving the amount due to them.

D.—Miscellaneous.

70. Out of the outstandings the following are the principal items :—

		Rs.	a.	p.
(1)	Expenditure in the suit filed by the Tramway Company against the Municipality	4,410	5	7
(2)	Arbitration and other expenses in connection with the purchase of the Tramways	5,623	14	10
(3)	Acquisition of land for the construction of public latrines and urinals &c.	20,128	2	0

As regards the first two items, the outstanding is due to the Tramway Co. disputing to pay certain items. As soon as the dispute is settled necessary adjustment will be made.

The outstanding as per item No. 3 relates to land acquired on account of different works, and will be adjusted when the exact area to be apportioned to each is settled.

E. Charges recoverable from Government.

71. There is a large outstanding under this head of Rs. 1,11,017-7-3 including Plague Charges. The outstanding dates back, as already stated in my previous reports, to the accounts for 1904-05. The details have been personally examined by me, and I have come to the conclusion that we shall have to forego part of the claim. The major portion of our claim is, however, just and reasonable. As soon as certain vouchers called for from the Accountant General, Bombay, are received, the required report on the whole question will be submitted.

F. Reserve Stock.

72. The receipts of stores during the year as per my books aggregated Rs. 7,38,625-7-1 and the issues Rs. 7,06,993-2-11. It will be seen that there was an increase in the balance of current stores during 1908-09 amounting to Rs. 31,632-4-2. There was a large reduction during the year in the balances of Surplus and Obsolete stores from Rs. 2,32,147-13-10 to Rs. 58,131-5-3.

The stock was verified during the year and the results were satisfactory. Of the total stock in hand amounting to Rs. 7,25,151-15-0, Rs. 61,555-13-7 represented the amount for which sanction has already been applied for to a write off. The real value of the whole stock at the close of the year, therefore, aggregated (Rs. 7,25,151-15-0,—Rs. 61,555-13-7) Rs. 6,63,596-1-5, of which Rs. 58,131-5-3 represented Surplus and Obsolete stores.

I cannot refrain from bringing to notice that the balances of the General Stores, *i. e.*, current stores, have again advanced very considerably, as will be seen from the following:—

	Rs.	a.	p.
Balance at close of 1905-06	3,48,837	15	4
Balance at close of 1906-07	3,37,244	9	10
Balance at close of 1907-08	4,58,055	15	11
Balance at close of 1908-09	4,89,688	4	1

An advance of 1½ Lakhs in two years is a subject for investigation, and it is my intention to review the matter during the course of the year 1909-1910, should the increase not be shortly shown to be due to special purchases for special works, of which a number are now in course of progress and more are to be undertaken.

73. The balance of Reserve Stock in hand at the close of the year as per the General Books of this Office amounted to Rs. 7,25,151-15-0 against Rs. 6,96,014-12-0 at the close of the preceding year, showing an increase of Rs. 29,137-3-0 as detailed below :—

Departments.	1907-08.			1908-09.				
	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Stores Department ...	4,58,055 15 11	2,32,147 13 10	6,90,203 13 9	4,89,688 4 1	58,131 5 3	(a)5,47,819 9 4	.....	1,42,384 4 5
2. Water-Works Imprest ...	3.259 0 3	.....	3,259 0 3	(b) 1,965 11 2	.....	1,965 11 2	.....	1,293 5 1
3. Executive Engineer's Department	2,459 1 4	.....	2,459 1 4	613 9 6	.....	613 9 6	.....	1,845 7 10
4. Line Suspense Account ...	.....	.....	.....	1,22,344 10 0	.....	1,22,344 10 0	1,22,344 10 0	.....
5. Parel Plague Stores ...	92 12 8	.....	92 12 8	92 12 8	.....	92 12 8	.....	.....
6. Stock Adjustment Account.	.....	.....	.....	.....	52,315 10 4	52,315 10 4	52,315 10 4	.....
Total ...	4,63,866 14 2	2,32,147 13 10	6,96,014 12 0	6,14,704 15 5	1,10,446 15 7	7,25,151 15 0	1,74,660 4 4	1,45,523 1 4
						Less—Decrease Rs.	1,45,523 1 4	
						Net—Increase Rs.	29,137 3 0	

(a) The difference between this amount and that shown by the Storekeeper is Rs. 22,066-0-11, which is due to documents from Departments not coming to hand, and to some minor adjustments which will be made in the accounts for 1909-10.

(b) Value of stores remaining unused on 31st March 1909 out of the temporary imprest allowed to the Deputy Executive Engineer, Water Works, pending issue of regular imprests to different Municipal Officers as laid down in the Stores Manual.

STREET IMPROVEMENT.

74. In addition to the annual provision of Rs. 1,00,000 made in the Revenue Budget from year to year for payment on account of set-backs acquired by the Municipality, the following grants from Loan Funds have been voted by the Corporation from 1903-04 to 1908-09 :—

	Rs.
From savings on Loan Funds—	
Loan Works Budget for 1903-04	80,000
Do. for 1904-05	40,000
Do. for 1905-06	1,20,000
From advances pending the raising of a loan—	
Corporation's Resolution No. 1634 of 28-6-1906	2,00,000
Loan Works Budget for 1907-08	1,00,000
Corporation's Resolution No. 4880 of 11-11-1907	2,00,000
Corporation's Resolution No. 4531 of 19-10-1908	2,00,000
Total sanctioned grants	9,40,000

Out of these sanctioned grants Rs. 2,40,000 have been spent and adjusted, leaving an available balance of Rs. 7,00,000 to be met from the Loan of 15 lakhs sanctioned to be raised under Corporation's Resolution No. 7558 of 20th March 1907. Against this balance the expenditure booked up to the close of the year aggregated Rs. 6,98,262-11-5, leaving an unexpended balance of Rs. 1,737-4-7. In my No. 1556 of 12th May 1909 I have pointed out that against the loan of 15 lakhs Rs. 8,52,592 had already been paid up to the 20th April 1909, and that the undischarged liabilities then amounted to Rs. 10,66,618-9-10. Subsequent payments and liabilities have further increased our final liabilities, and as pointed out in my letter quoted above, the 15 lakhs loan to be raised during the current year for meeting such liabilities has not only been already hypothecated, but further liabilities to the extent of over Rs. 4,20,000 have been incurred. Experience has shown that the rates offered have in very many cases to be enhanced (*vide* Appendix No. 15 and No. 14 of my reports for 1907-08 and 1908-09) and it is reasonable to conclude, therefore, that the excess of Rs. 4,20,000 is the minimum, capable of expansion in ratio to the increased rates finally paid.

Prudence and established financial principles would seem to demand that a limit be placed on the extent to which set-backs should be financed by anticipating further loans to be raised.

TEST AUDIT.

75. Outside Test Audit was interfered with to a very material extent by the epidemic of malaria that overtook the City during the year under review. I had to bring to notice that for lengthened periods during the year 25 per cent. of my permanent trained senior staff and 22 per cent. of my junior staff were away ill. With so serious a depletion of staff, imposing a very heavy strain on my office to cope with the ordinary work of audit and payment, I was reluctantly compelled to abandon the intention I had formed of further analysing the road repairs accounts and the very heavy payments made on account of hire of carts and bullocks in the Engineering Department.

Test Audit, "at the time of payment," as alluded to in my report of last year was, however, continued and the following irregularities received attention :—

(1.) It was found that in some cases neither the Inspector nor the Assistant Inspector was present at the time of payment to the labour staff, and payments were made on the authority of timekeepers and clerks, the word "Paid" being entered by the Timekeeper against the name of the recipient, and the certificate as to the payment being *subsequently* given by the upper subordinate of the Department concerned.

(2) The muster was sometimes found not to agree with the paysheet as submitted to audit, and no reconciliation was made at the time of payment between the outdoor document and that submitted for audit and payment.

(3) The "unpaid wages list," showing what amount remained unpaid, was prepared not immediately after the payment was finished and reconciled with the cash in hand of the paymaster, but was submitted to audit on some subsequent date.

(4) In several departments boys were being charged for at men's rates of wages

(5) Throughout the service the "Hawalla" system prevailed, *i.e.*, men were reported to have left the service or gone on leave, leaving documents authorizing others (generally one or two persons) to receive their pay. This resulted, as was proved in two departments, in the formation of a regular money lending department as a subdivision of the service!

The amount so paid in some cases went into hundreds of rupees.

(6) The pay of absentees was in many cases received by Inspectors and their subordinates with the promise of payment to the labourers when they return to duty.

It does not require much imagination or knowledge of accounts to infer the many abuses that can exist under methods of working such as I have explained above.

Continuous action was taken by this department throughout the year with the result :—

(1) That the Assistant Inspector and in many cases the Inspector is always present at the time of payment.

(2) The muster book and the audited paysheet are regularly compared, and the men identified at the time of payment by a responsible subordinate, who initials the paysheets himself, gives the required certificate in conjunction with the Paymaster, and at once makes out the "unpaid wages" list for check by the paymaster.

(3) No payments are made to anybody but the men themselves.
(4) "Men's" wages are paid to men only and not to "boys."
(5) The "Hawalla" system has been finally stopped.

The one link now required is to connect, by means other than the subordinates under whom he works, the individual entered in the muster with the individual who actually receives payment, and this is being arranged for by a modification of the muster and the paysheet and the introduction of the system of identification by thumb marks.

It is some years since I urged the necessity for test-audit and I have now to thank you, the Standing Committee, and the Corporation for acceding to my request for additional staff for the purpose. The departure in the direction of a test audit—much more of a *continuous* test audit—is an entirely new phase in the audit work of this department, and the progress of the work, with a staff which can but gradually grasp the essentials to be kept in view and the ends to be achieved, must of necessity be slow. I feel sure that the practical results will amply repay the extended vigilance which will now be expected of my department, and the small extra annual expenditure involved.

FIRE BRIGADE.

76. The Fire Tax realized during the year was Rs. 1,47,522-4-0 or Rs. 8,193-4-9 more than in the previous year. The expenditure on the Fire Brigade Department, including the cost of appliances and Interest and Sinking Fund Charges on the Fire Brigade Loan was Rs. 1,71,607-7-2, thus resulting in a deficit of Rs. 24,085-3-2. The actual surplus is thus decreased to Rs. 82,120-10-7. Deducting from this figure the sum of Rs. 5,259-4-1 to be renewed in 1909-1910 on account of charges incurred during 1908-1909, but not paid before the close of that year, the net surplus to the credit of Fire Tax is reduced to Rs. 76,861-6-6. The net balance in the previous year was Rs. 86,692-2-10.

GENERAL.

77. I append as usual the statement showing, as far as figures can show, the volume of work dealt with in my department during the year under review as compared with previous years :—

Year.	Nature of work.			Inward letters.	Outward letters.
	Cash payments to employes	Receipt vouchers.	Debit vouchers.		
	Rs.	No.	No.	No.	No.
1897-98	19,93,311	22,217	53,907	20,362	6,117
1906-07	26,95,944	26,502	76,358	(a) 18,535	11,095
1907-08	28,86,091	31,123	81,189	(a) 18,489	11,232
1908-09	31,71,350	36,096	84,474	(a) 18,671	11,176
Per centage of increase in 1908-09 over 1897-98	59·09	62·47	56·70	Decrease (a) 8·30	82·70

(a) Exclusive of bills, summaries, muster rolls, &c., which have been separately numbered.

I also subjoin a Statement showing the cost of my Department in 1908-09 and 1897-98, and the per centage of cost to Income and Expenditure :—

Year.	Cost of staff at maximum rates of pay.	Income.	Expenditure.	Percentage of cost of staff to income.	Percentage of cost of staff to expenditure.
	Rs.	Rs.	Rs.		
1897-98	62,754	(a) 67,08,566	(b) 69,96,969	·93	·89
1908-09	(c) 78,517	1,02,86,048	1,06,30,126	·76	·73
Increase	15,763 or 25·11 per cent.	35,77,482 or 53·32 per cent.	36,33,157 or 51·92 per cent.		

The per centage of cost of staff to Income and Expenditure for the year 1907-08 was ·76 and ·74 respectively.

I am thankful that the Corporation have at last commencing from the year 1909-1910 acceded to my oft expressed desire for an increase to my staff, for the burden that this office has had to bear for years owing to insufficient staff with an ever extending scope of audit has been no light one. From the 1st December 1908 some extra staff was given me, as it was seen that the work could not possibly go on in an under-manned office, many of whose members though weak and suffering from Malaria had to attend work.

My office staff has now been put on a satisfactory footing, and I have to express my thanks for it not only on behalf of the Officers but also of the men.

PERSONAL.

78. The Corporation were kind enough to grant me a Personal Allowance of Rs. 300 per mensem from the 1st April 1908.

None of the officers of the department took leave during the year, but Mr. Ruttonji Fardunji Khambatta, my First Assistant, took an extension of leave on account of illness.

Mr. Maneckshah Cawashah Talleyarkhan continued to occupy the position of Deputy Accountant. His service was, as in the past, characterized by a very high sense of duty, by the greatest zeal and assiduity and by a tone which forms an invaluable asset in the administration of this department. The Corporation have kindly given their favourable consideration to the recommendation made by me on his behalf, and have recognized his unquestionably meritorious service of over 40 years, and besides raising the status of his appointment have granted him the maximum pay of Rs. 700 per mensem from the 1st March 1909.

It is with the deepest regret that I record the fact that the state of his health has compelled my First Assistant Accountant, Mr. Ruttonji Fardunji Khambatta, to retire on pension from the 3rd March 1909. He was a most brilliant officer and as hard-working as he was brilliant, and his premature retirement is a great loss to my department. The Standing Committee were good enough to recognize his merits by granting him a special good service pension.

Mr. Bal Nilaji Pitale continued to act for Mr. Ruttonji Fardunji as First Assistant Accountant, and did excellent work throughout the year. I had much pleasure in recommending his confirmation as First Assistant Accountant on the retirement of Mr. Ruttonji Fardunji—a recommendation which duly received sanction.

79. The following are the Appendices attached to my report :—

No. 1 Revenue Account.

No. 2 Statement of Income realized during 1908-09.

No. 3 Statement of Town Duties collected and Refunds allowed in 1908-09.

No. 3 (a). Statement of Net Town Duties collected from 1897-98 to 1908-09.

No. 3 (b). Statement of Gross Town Duties levied during the five years ending 31st March 1909, Refunds allowed and the Net Income realized during that period.

No. 4. Statement showing the final sanctioned expenditure grants for 1908-09.

No. 5. Statement showing the Expenditure for 1908-09 as compared with the final sanctioned grants and the actuals for the preceding year.

(a) Excluding a rebate of Rs. 4,37,055 to current revenue in respect of Plague expenses debited to Revenue in 1896-97.

(b) Excluding Rs. 5 lakhs on account of Plague expenses debited to Revenue in 1897-98, which were subsequently transferred to Loan Funds.

(c) Excluding cost of Stores Establishment transferred to the General Stores, and including Rs. 6,313 on account of the Plague staff employed in this Department.

No. 6. Statement showing the Surplus Cash Balance on 31st March 1909.

No. 6-(a). Statement showing the amounts of loans raised, the expenditure incurred therefrom, and the invested balances remaining on 31st March 1909.

No. 7. Statement showing the outstanding loans due by the Municipality on 31st March 1909.

No. 7-(a). Statement showing the amount which should have accumulated in the Sinking Fund on the basis of the fixed instalments and the amount actually invested upto 31st March 1909.

No. 8. Statement showing the interest outstanding on different Municipal Loans on 31st March 1909.

No. 9. Statement showing works executed out of Loan Funds during 1908-09.

No. 9-(a). Statement showing the expenditure on Plague Operations for 1908-09 contrasted with the figures for 1907-08.

No. 10. Statement of Assets and Liabilities on the 31st March 1909.

No. 10-(a). Statement showing expenditure on different Loan Works upto 31st March 1909.

No. 10-(b). Statement showing the Invested Surplus Loan and Reserve Fund Balances on 31st March 1909, as compared with those on 31st March 1908.

No. 11. Water Works Income and Expenditure Accounts.

No. 12. Water Works Assets and Liabilities.

No. 13. Statement of total Receipts and Disbursements for the year ending 31st March 1909.

No. 14. Statement of Liabilities incurred on Street Improvement and Rates and Amounts actually paid.

No. 15 and 15-(a). Statements of Income and Expenditure of the Bombay Municipality from the year 1865 to close of the financial year 1908-09.

No. 16. Contrasted statement of Income and Expenditure from the year 1865 to the Financial year 1908-09.

I have the honour to be,

SIR,

Your most obedient Servant,

W. E. WAITE,

Chief Accountant.

Appendix No. 1.

Revenue Account for 1908-1909.

Revenue.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Taxation Proper.			
1. General Tax	32,94,871 3 11		
2. Wheel Tax and Tolls	4,79,857 3 5		
3. Town Duties	12,96,319 7 5		
4. Licenses	1,19,277 15 0		
5. Receipts from Government for Liquor Licenses	1,43,750 0 0		
6. Receipts from Government for Tobacco Duty	2,78,890 6 0	56,12,966 3 9	
Services rendered.			
7. Halalkhore Tax	11,19,222 2 11		
8. Water Tax and other Miscellaneous Water Works Revenue	20,04,188 12 1	31,23,410 15 0	
Returns from Property and Miscellaneous.			
9. Market Receipts	4,75,497 13 8		
10. Public Gardens	9,727 11 7		
11. Tramway Rent	54,334 7 7		
12. Contribution from Municipal Servants towards Pension, &c., Fund	25,660 9 3		
13. Interest on Investments Rs. a. p. of Surplus Loan and other Balances ... 1,32,376 7 4			
Interest on Sinking, Insurance, Worn-out Water Mains Renewal, School Building and Net Premia Funds Investments 3,85,250 9 4	5,17,627 0 8		
14. Miscellaneous (*a*)	4,66,822 15 9	15,49,670 10 6	
			1,02,86,047 13 3
Deficit	.....	.....	3,44,078 10 3
		Total Rs....	1,06,30,126 7 6

Expenditure.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Superintendence	2,71,046 1 9		
2. Assessment and Collection and Revenue and Refund Audit Departments ...	3,73,684 8 6		
3. Fire Brigade	1,71,607 7 2		
4. Public Gardens—Maintenance and New Works	92,904 12 1		
5. Public Works (Engineer's) Department.	22,35,150 9 2		
6. New Works	1,58,062 0 4		
7. Public Health Department	24,34,001 13 7		
8. General Stores	29,456 7 11		
9. Education	2,76,684 14 7		
10. Hospitals	4,64,534 9 3		
11. Pensions, Gratuities and Compassionate Allowances	65,622 12 7		
12. Contribution to the City Improvement Trust	4,50,000 0 0		
13. Plague Expenses	2,23,328 5 8	72,46,084 6 7	
14. Municipal Debt—			
Interest and Charges on Loans ...	23,14,624 2 0		
Reduction of debt and payment of Sinking Fund, including investment of interest accrued on Sinking Fund.	9,83,622 9 3	32,98,246 11 3	
15. Investments—			
Municipal Buildings Fire Insurance Fund	5,000 0 0		
Interest on the Insurance, Worn-out Water Mains Renewal, School Buildings and Net Premia Funds ...	42,842 12 8	47,842 12 8	
16. Miscellaneous (*b*)		37,952 9 0	1,06,30,126 7 6
		Total Rs. ...	1,06,30,126 7 6

	Rs. a. p.
(*a*) Miscellaneous Fines	11,237 1 7
Do. Receipts	3,07,779 3 7
Do. Fees	1,22,481 7 6
Do. Savings	10,504 4 3
Profit on Municipal Workshops	10,274 2 10
Actual Profit on sale of Stores to Contractors, &c. ...	1,207 8 7
Sale-proceeds of unserviceable Tools and Plant, &c. ...	3,339 3 5
Total Rs. ...	4,66,822 15 9

	Rs. a. p.
(*b*) Discretional Contingencies	3,716 1 11
Auditors' Allowance	11,316 15 8
Cost of preparing the address of condolence presented to His Excellency Sir George Clarke and of the casket to contain the same	380 4 0
Irrecoverable charges written off in connection with the Banganga Tank Case.	22,387 2 4
Loss on account of deterioration of articles in the store written off	48 0 0
Loss on account of private works irrecoverable bills written off	104 1 1
Total Rs. ...	37,952 9 0

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner for the City of Bombay.

Appendix

IN

STATEMENT showing the Net Receipts during the Financial Year 1908-09 from all sources as con-

PARTICULARS.	Actuals for 1907-08.	Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals for 1908-09.
1	2	3	4	5
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
Taxation Proper.				
General Tax at 8 per cent. (including Government and Port Trust Contributions)	29,74,517 0 0	31,14,000	31,42,686 0 0	31,47,348 15 11
Additional at ⅜ per cent. for Fire Brigade charges.	1,39,328 15 3	1,46,000	1,47,314 0 0	1,47,522 4 0
	31,13,845 15 3	32,60,000	32,90,000 0 0	32,94,871 3 11
Wheel Tax and Tolls	4,29,891 11 2	4,23,000	4,60,000 0 0	4,79,857 3 5
Town Duties	13,90,203 6 0	12,50,000	13,25,000 0 0	12,96,319 7 5
Licenses—				
(a) Dangerous and Offensive Trades ...	83,402 0 0	80,000	80,000 0 0	84,618 8 0
(b) Streets and Buildings	5,730 0 0	4,500	4,500 0 0	4,185 0 0
(c) Land Conveyance, &c., Licenses ...	17,151 10 10	19,500	17,500 0 0	30,474 7 0
Receipts from Government for Liquor Licenses ...	1,43,750 0 0	1,44,000	1,44,000 0 0	1,43,750 0 0
Do. do. Tobacco Duty ...	2,80,355 5 2	2,70,000	2,75,000 0 0	2,78,890 6 0
	54,64,330 0 5	54,51,000	55,96,000 0 0	56,12,966 3 9
Services rendered.				
Halalkhore Tax	10,46,874 3 7	10,85,000	11,17,000 0 0	11,19,222 2 11
Water Tax and other Misc. Water Works Revenue.	19,48,830 6 4	18,73,000	19,23,000 0 0	20,04,188 12 1
	29,95,704 9 11	29,58,000	30,40,000 0 0	31,23,410 15 0
Returns from Property and Miscellaneous.				
Market Receipts	4,80,875 5 1	4,65,000	4,75,000 0 0	4,75,497 13 8
Public Gardens	8,451 2 4	9,500	9,500 0 0	9,727 11 7
Tramway Rent	51,843 15 9	55,000	54,000 0 0	54,334 7 7
Miscellaneous Fines	11,046 6 0	13,000	12,000 0 0	11,237 1 7
Do. Receipts	1,85,367 9 8	1,69,000	2,37,500 0 0	3,07,779 3 7
Do. Fees	1,13,517 4 9	86,500	1,13,000 0 0	1,22,481 7 6
Do. Savings	9,288 7 0	3,000	5,000 0 0	10,504 4 3
Contribution from Municipal Servants towards Pension, &c., Fund	23,821 15 1	22,000	50,000 0 0	25,660 9 3
Profit on Municipal Workshops	22,990 5 10	10,000	10,000 0 0	10,274 2 10
Actual Profit on sale of Stores to Contractors, &c.	7,039 9 0	2,000	5,000 0 0	1,207 8 7
Sale Proceeds of Unserviceable Tools and Plant, &c.	11,052 1 2	5,000	13,000 0 0	3,339 3 5
Interest on Investments of Surplus Loan and other Balances	1,50,932 11 0	1,60,000	1,35,000 0 0	1,32,376 7 4
Interest on 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments	3,13,618 6 1	3,30,000	3,43,500 0 0	3,42,407 12 8
Interest on Municipal Buildings Fire Insurance Fund Investments	4,134 5 8	4,000	4,500 0 0	4,489 6 4
Interest on Worn-out Water Mains Renewal Fund Investments	23,077 6 5	23,500	24,000 0 0	24,149 9 4
Interest on Investments of the Net Premia, &c., Fund	9,749 6 3	10,000	12,000 0 0	11,983 1 8
Do. do. School Buildings Fund...	2,483 15 4	2,500	.....	2,220 11 4
	14,29,290 4 5	13,70,000	15,03,000 0 0	15,49,670 10 6
Total Rs. ...	98,89,324 14 9	97,79,000	1,01,39,000 0 0	1,02,86,047 13 3
				Less
				Net Increase Rs.

W. E. WAITE,
Chief Accountant.

No. 2.

COME.

trasted with the Original Budget Estimate, the Revised Estimate and the Actuals for 1907-08.

As compared with the Original Estimate.		As compared with the Revised Estimate.		As compared with the Actuals for 1907-08.	
More.	Less.	More.	Less.	More.	Less.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
33,348 15 11	.....	4,662 15 11	.....	1,72,831 15 11	.....
1,522 4 0	.....	208 4 0	.....	8,193 4 9	.....
34,871 3 11	.....	4,871 3 11	.....	1,81,025 4 8	.....
56,857 3 5	.....	19,857 3 5	.....	49,965 8 3	.....
46,319 7 5	.....	.....	28,680 8 7	.....	93,883 14 7
4,618 8 0	.....	4,618 8 0	.....	1,216 8 0	.....
.....	315 0 0	.....	315 0 0	.....	1,545 0 0
10,974 7 0	.....	12,974 7 0	.....	13,322 12 2	.....
.....	250 0 0	.....	250 0 0	.....	.....
8,890 6 0	.....	3,890 6 0	.....	.....	1,464 15 2
1,62,531 3 9	565 0 0	46,211 12 4	29,245 8 7	2,45,530 1 1	96,893 13 9
34,222 2 11	.....	2,222 2 11	.....	72,347 15 4	.....
1,31,188 12 1	.....	81,188 12 1	.....	55,358 5 9	.....
1,65,410 15 0	.....	83,410 15 0	.....	1,27,706 5 1	.....
10,497 13 8	.....	497 13 8	.....	.....	5,377 7 5
227 11 7	.....	227 11 7	.....	1,276 9 3	.....
.....	665 8 5	334 7 7	.....	2,490 7 10	.....
.....	1,762 14 5	.....	762 14 5	190 11 7	.....
1,38,779 3 7	.....	70,279 3 7	.....	1,22,411 9 11	.....
35,981 7 6	.....	9,481 7 6	.....	8,964 2 9	.....
7,504 4 3	.....	5,504 4 3	.....	1,215 13 3	.....
3,660 9 3	.....	.....	24,339 6 9	1,838 10 2	.....
274 2 10	.....	274 2 10	.....	.....	12,716 3 0
.....	792 7 5	.....	3,792 7 5	.....	5,832 0 5
.....	1,660 12 7	.....	9,660 12 7	.....	7,712 13 9
.....	27,623 8 8	.....	2,623 8 8	.....	18,556 3 8
12,407 12 8	.....	.....	1,092 3 4	28,789 6 7	.....
489 6 4	.....	.....	10 9 8	355 0 8	.....
649 9 4	.....	149 9 4	.....	1,072 2 11	.....
1,983 1 8	.....	.....	16 14 4	2,233 11 5	.....
.....	279 4 8	2,220 11 4	.....	.....	263 4 0
2,12,455 2 8	32,784 8 2	88,969 7 8	42,298 13 2	1,70,838 6 4	50,458 0 3
5,40,397 5 5	33,349 8 2	2,18,592 3 0	71,544 5 9	5,44,074 12 6	1,47,351 14 0
33,349 8 2		71,544 5 9		1,47,351 14 0	
5,07,047 13 3		1,47,047 13 3		3,96,722 14 6	

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT showing the quantity and value of several articles upon which Town Duty was

Duty collected by	Grain and Pulse at 4 Annas per Candy.			Flour of all sorts at 75 per cent. of the rate at the time being levied on the grain from which flour is prepared.			Wines and Spirits at 4 Annas per Gallon.			Beer at 6 Pies per Gallon.		
	Candies.	Furras.	Amount of Duty.	Candies.	Furras.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
Bombay Port Trust.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
April 1908	128,968	5	32,242 2 6	1	...	0 3 0	73,813	5	18,453 6 8	50,541	...	1,579 6 6
May ... ... ,,	129,114	7	32,278 11 6	.....	4	0 1 6	78,472	7	19,618 3 9	86,576	4	2,705 8 3
June ... ... ,,	161,411	7	40,352 15 3	.....	1	0 0 3	81,273	6	20,318 7 0	90,947	...	2,842 1 6
July ... ... ,,	63,582	2	15,895 9 0	.....	5	0 2 0	84,965	2	21,241 5 2	89,232	...	2,788 8 0
August ... ... ,,	61,868	7	15,467 3 7	.....	...	.....	69,754	6	17,438 10 9	84,939	...	2,654 5 6
September ... ... ,,	59,304	1	14,826 0 3	.....	...	.....	74,499	2	18,624 12 9	76,822	...	2,400 11 0
October ... ... ,,	76,027	2	19,006 12 9	8	...	1 8 0	82,903	7	20,725 15 9	62,068	...	1,939 10 0
November ... ... ,,	64,146	6	16,036 11 0	59	3	11 2 0	79,081	5	19,770 6 4	128,691	...	4,021 9 6
December ... ... ,,	74,630	5	18,657 10 3	1,198	5	224 11 9	99,077	...	24,769 3 10	115,499	...	3,609 5 6
January 1909	118,122	6	29,530 10 11	3	...	0 9 0	103,278	6	25,819 11 0	95,406	4	2,981 7 3
February ... ... ,,	171,089	3	42,772 5 9	.....	...	.....	81,313	4	20,328 6 4	96,546	...	3,017 1 0
March... ... ... ,,	209,198	...	52,299 8 0	6	2	1 2 9	95,594	1	23,898 8 6	70,458	4	2,201 13 3
Total ...	1,317,465	3	3,29,366 4 9	1,277	4	239 8 3	1,004,028	3	2,51,007 1 10	1,047,726	4	32,741 7 3
G. I. P. Railway.												
April 1908	18,077	2	4,519 5 0	.....	...	.....	100	4	25 2 0	352	...	11 0 0
May ... ... ,,	23,602	2	5,900 9 0	6	5	1 4 0	311	...	77 12 0	1,636	...	51 2 0
June ... ... ,,	8,016	6	2,004 3 0	.....	...	.....	94	...	23 8 0	232	...	7 4 0
July ... ... ,,	6,556	6	1,639 3 0	1	3	0 4 0	138	4	34 10 0	678	...	21 3 0
August ... ... ,,	9,590	...	2,397 8 0	14	3	2 11 0	208	...	52 0 0	1,588	...	49 10 0
September ... ... ,,	10,011	4	2,502 14 0	36	...	6 12 0	112	...	28 0 0	94	...	2 15 0
October ... ... ,,	20,590	...	5,147 8 0	17	5	3 5 0	184	...	46 0 0	180	...	5 10 0
November ... ... ,,	40,823	7	10,205 15 3	.....	...	.....	230	...	57 8 0	160	...	5 0 0
December ... ... ,,	35,553	4	8,888 6 0	14	...	2 10 0	74	...	18 8 0	152	...	4 12 0
January 1909	29,365	4	7,341 6 0	3	...	0 9 0	56	...	14 0 0	154	...	4 13 0
February ... ... ,,	42,462	2	10,615 9 0	3	3	0 11 0	28	...	7 0 0	74	...	2 5 0
March... ... ... ,,	57,883	2	14,470 13 0	1	5	0 5 0	206	...	51 8 0	418	...	13 1 0
Total ...	302,532	7	75,633 3 3	98	...	18 7 0	1,742	...	435 8 0	5,718	...	178 11 0
B.B. & C.I. Railway Co.												
April 1908	16,332	6	4,083 3 0	406	...	76 2 0	10	...	2 8 0	200	...	6 4 0
May ... ... ,,	17,648	4	4,412 2 0	232	...	43 8 0	.....	...	.....	50	...	1 9 0
June ... ... ,,	12,590	...	3,147 8 0	203	...	38 1 0	.....	...	.....	80	...	2 8 0
July ... ... ,,	9,525	6	2,381 7 0	722	5	135 8 0	6	...	1 8 0	100	...	3 2 0
August ... ... ,,	13,592	...	3,398 0 0	638	...	119 10 0	6	4	1 10 0	.....	...	.....
September ... ... ,,	16,117	4	4,029 6 0	58	...	10 14 0	6	4	1 10 0	.....	...	.....
October ... ... ,,	25,618	2	6,404 9 0	317	...	59 5 0	20	...	5 0 0	.....	...	.....
November ... ... ,,	27,177	...	6,794 4 0	378	...	70 14 0	.....	...	.....	.....	...	.....
December ... ... ,,	36,134	...	9,033 8 0	348	...	65 4 0	40	...	10 0 0	.....	...	.....
January 1909	24,426	...	6,106 8 0	527	5	98 15 0	2	...	0 8 0	.....	...	.....
February ... ... ,,	17,892	6	4,473 3 0	355	...	66 9 0	8	...	2 0 0	.....	...	.....
March... ... ... ,,	27,670	...	6,917 8 0	605	3	113 8 0	16	...	4 0 0	.....	...	.....
Total ...	244,724	4	61,181 2 0	4,790	5	898 2 0	115	...	28 12 0	430	...	13 7 0
Grand Total ...	1,864,722	6	4,66,180 10 0	6,166	1	1,156 1 3	1,005,885	3	2,51,471 5 10	1,053,874	4	32,933 9 3
Deduct— Refunds passed by the Revenue and Refund Audit Officer ...	5,75,178	...	1,43,794 8 0	92,303	...	17,306 13 0	86,046	3	21,511 9 0	786,570	...	24,580 5 0
Net Revenue ...	12,89,544	6	3,22,386 2 0	.....	...	.....	919,839	...	2,29,959 12 10	267,304	4	8,353 4 3
Less— Refunds passed in excess of collections ...	.....	...	.....	86,136	7	16,150 11 9	.....	...	.....	.....	...	.....

ABSTRACT.

		Rs. a. p.	Rs. a. p.	
Balance on 31st March 1908 due by—				
Port Trust		4,650 15 3		
G. I P. Railway		12,717 4 9		
B. B. & C. I. Railway		773 12 0		
			18,142 0 0	
Add— Collections in 1908-1909—				
Port Trust		23,17,383 12 6		
G. I. P. Railway		2,45,772 9 3		
B. B. & C. I. Railway		1,63,036 3 1		
			27,26,192 8 10	
			27,44,334 8 10	
Deduct— Refunds paid in 1908-1909		14,23,100 1 0		
Balance on 31st March 1909 due by ...	Rs. a. p.			
Port Trust	7,799 9 9			
G. I. P. Railway	16,072 12 5			
B. B. & C. I. Railway ...	437 11 0	24,310 1 2	14,47,110 2 2	
			12,96,924 6 8	
Add— Part of commission for February 1903 which was not adjusted in the accounts for 1907-1908, for want of a grant, was subsequently adjusted in the accounts for 1908-1909			92 0 8	12,97,016 7 4
Less— This amount of commission charges for February 1908, deducted by the B. B. & C. I. Railway Co. and G. I. P. Railway from the collections in April 1908. These had been included in our accounts for 1907-1908				696 15 11
Total as per Books ...			Rs.	12,96,319 7 5

W. E. WAITE,
Chief Accountant.

No. 3.

levied during 1908-1909 under Section 192 (*1*) of the City of Bombay Municipal Act, of 1888.

Sugar at 8 Annas per Cwt.		Ghee at 10 Annas per Maund.			Timber at 2½ per cent. on Market Value.		Total Monthly Collections.
Cwts. qrs. lbs.	Amount of Duty.	Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.	
	Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
204,228 1 21	1,02,114 3 6	8,484	12	5,302 11 0	6,72,306 14 0	16,807 10 9	1,76,499 11 11
248,045 1 25	1,24,022 11 9	15,014	16	9,384 0 0	9,60,491 14 0	24,012 4 9	2,12,021 9 6
119,644 2 7	59,822 4 6	6,062	11	3,788 14 9	4,83,012 11 4	12,075 5 1	1,39,200 0 4
132,048 3 24	66,024 7 9	4,491	33	2,807 6 3	8,67,780 13 4	21,694 8 4	1,30,451 14 6
75,372 0 7	37,686 0 6	3,760	32	2,350 8 0	4,96,561 4 0	12,414 0 6	88,010 12 10
302,160 2 21	1,51,080 5 6	4,652	8	2,907 10 0	5,57,617 4 8	13,940 6 11	2,03,779 14 5
409,675 0 7	2,04,837 8 6	5,887	24	3,679 12 0	7,32,145 13 4	18,303 10 4	2,68,494 13 4
400,613 3 24	2,00,306 15 9	3,781	12	2,363 5 0	6,27,101 7 4	15,677 8 7	2,58,187 10 2
202,572 2 11	1,01,286 4 9	13,148	17	8,217 12 3	6,23,834 6 0	15,595 13 9	1,72,360 14 1
345,453 1 24	1,72,726 11 9	11,416	5	7,135 1 3	6,24,127 8 0	15,603 3 0	2,53,787 6 2
211,945 2 21	1,05,972 13 6	8,318	9	5,217 10 3	4,74,843 15 4	11,871 1 7	1,89,179 6 5
243,614 3 10	1,21,807 6 9	9,835	17	6,147 2 3	7,61,763 5 4	19,044 1 4	2,25,399 10 10
2,895,375 3 6	14,47,687 14 6	94,882	36	59,301 13 0	78,81,587 4 8	1,97,039 10 11	23,17,383 12 6
7,097 3 0	3,548 14 0	12,625	19	7,890 14 9	3,970 0 0	99 4 0	16,094 7 9
7,185 2 14	3,592 13 0	11,573	31	7,233 9 9	11,827 8 0	295 11 0	17,152 12 9
4,359 2 14	2,179 13 0	7,257	9	4,535 12 3	7,240 0 0	181 0 0	8,931 8 3
5,302 0 0	2,651 0 0	5,818	16	3,636 8 0	650 0 0	16 4 0	7,999 0 0
9,556 2 14	4,778 5 0	12,837	35	8,023 10 9	1,165 0 0	29 2 0	15,332 14 9
8,491 1 0	4,245 10 0	7,619	36	4,762 7 0	5,555 0 0	138 14 0	11,687 8 0
11,939 2 0	5,969 12 0	21,585	9	13,490 12 3	9,997 8 0	249 15 0	24,912 14 3
4,674 2 14	2,337 5 0	19,121	20	11,950 15 0	625 0 0	15 10 0	24,572 5 3
10,224 3 0	5,112 6 0	32,691	18	20,432 2 0	2,860 0 0	71 8 0	34,530 4 0
9,120 3 0	4,560 6 0	21,325	25	13,328 8 3	3,325 0 0	83 2 0	25,332 12 3
12,435 3 0	6,217 14 0	24,156	13	15,097 11 3	6,420 0 0	160 8 0	32,101 10 3
6,526 1 14	3,263 3 0	14,750	3	9,218 12 9	4,272 8 0	106 13 0	27,124 7 9
96,914 2 14	48,457 5 0	191,362	34	1,19,601 12 0	57,907 8 0	1,447 11 0	2,45,772 9 3
1 1 0	0 10 0	6,379	8	3,987 0 0	.....	.....	8,155 11 0
.....	.....	9,832	39	6,144 5 9	.....	.....	10,601 8 9
39 3 0	19 14 0	8,846	19	5,529 0 9	2,275 0 0	56 14 9	8,793 13 9
2 0 14	1 1 0	11,163	32	6,976 12 0	275 0 0	6 14 0	9,506 4 0
2 0 0	1 0 0	20,693	34	12,937 6 6	.....	.....	16,457 10 6
4 3 0	2 6 0	17,543	24	10,964 2 0	500 0 0	12 8 0	15,020 14 0
11 1 14	5 11 0	18,723	...	11,701 4 0	.....	.....	18,175 13 0
.....	.....	5,923	8	3,702 0 0	300 0 0	7 8 0	10,574 10 0
.....	.....	15,024	17	9,399 4 1	50 0 0	1 4 0	18,500 4 1
9 3 0	4 14 0	18,569	9	11,605 12 0	1,500 0 0	37 8 0	17,854 1 0
13 2 14	6 13 0	14,283	24	8,927 4 0	2,300 0 0	57 8 0	13,533 5 0
2 1 14	1 3 0	14,098	28	8,811 1 0	600 0 0	15 0 0	15,862 4 0
87 0 0	43 8 0	161,082	2	1,00,676 4 1	7,800 0 0	195 0 0	1,63,036 3 1
2,992,377 1 20	14,96,188 11 6	447,327	32	2,79,579 13 1	79,47,294 12 8	1,98,682 5 11	27,26,192 8 10
22,68,541 2 0	11,34,270 12 0	44,534	20	27,834 1 0	13,48,502 8 0	33,712 9 0	14,03,010 9 0
723,835 3 20	3,61,917 15 6	402,793	12	2,51,745 12 1	65,98,792 4 8	1,64,969 12 11	13,39,332 11 7
.....	.....	.....	...	.....	.....	.....	16,150 11 9
						Net Revenue... Rs.	13,23,181 15 10

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 3-A.

STATEMENT showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1899-1900 to 1908-09.

Articles.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
	@ annas 6.	@ annas 6.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Grain	6,23,352 0 0	3,12,928 0 0	2,61,194 0 0	2,98,904 0 0	2,78,048 0 0	3,15,734 5 9	2,77,592 8 11	3,00,796 3 6	2,90,720 4 0	3,22,386 2 0
	@ annas 4-6.	@ annas 4-6.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.
Flour	—28,006 0 0	—29,637 0 0	—18,856 0 0	—21,741 0 0	—22,942 0 0	—23,615 0 9	—24,870 8 6	—23,680 15 0	—20,701 15 6	—16,150 11 9
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Wines and Spirits.	2,35,986 0 0	2,19,736 0 0	2,27,911 0 0	2,35,030 0 0	2,51,011 0 0	2,51,303 1 10	2,67,019 9 9	2,37,582 7 4	2,51,335 6 4	2,29,959 12 10
	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.
Beer	12,504 0 0	7,818 0 0	15,468 0 0	10,575 0 0	8,231 0 0	16,384 9 8	19,499 11 2	11,645 10 10	15,143 9 0	8,353 4 3

	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.
Sugar	2,25,358 0 0	3,27,058 0 0	2,47,922 0 0	3,34,780 0 0	1,86,117 0 0	5,35,570 8 0	1,81,326 5 6	3,69,549 2 0	3,73,378 14 6	3,61,917 15 6
	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 8.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.
Ghee	2,20,293 0 0	2,06,715 0 0	2,02,653 0 0	1,63,756 0 0	2,21,287 0 0	2,29,309 2 1	2,44,473 7 3	2,42,731 10 9	2,53,304 12 0	2,51,745 12 1
	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%
Timber	1,12,607 0 0	1,01,633 0 0	1,03,796 0 0	1,04,358 0 0	1,29,304 0 0	1,45,269 8 4	1,64,802 3 1	1,77,011 10 4	1,52,349 0 4	1,64,969 12 11
	@ annas 2.	@ annas 2.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	.....
Firewood... ...	80,933 0 0	70,775 0 0	42,159 0 0	34,754 0 0	36,067 0 0	36,824 11 9	36,407 12 9	36,168 12 3	13 6 0	.....
Total Rs...	14,83,027 0 0	12,17,026 0 0	10,82,247 0 0	11,60,416 0 0	10,87,123 0 0	15,96,780 14 8	11,66,251 1 11	13,51,804 10 0	13,15,543 4 8	13,23,181 15 10

N.B.—This statement shows the net Revenue after deducting from gross collections refunds *passed* for payment by the Revenue and Refund Audit Officer, though such refunds may not actually have been fully paid.

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT showing the actual Collections, Refunds admitted and Net

ARTICLES.	1904-05.			1905-06.		
	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain	7,47,102 7 9	4,31,368 2 0	3,15,734 5 9	6,24,076 7 11	3,46,483 15 0	2,77,592 8 11
Flour	2,124 8 3	25,739 9 0	—23,615 0 9	1,369 10 6	26,240 3 0	— 24,870 8 6
Wines and Spirits...	2,68,174 7 10	16,871 6 0	2,51,303 1 10	2,87,664 4 9	20,644 11 0	2,67,019 9 9
Beer...	51,216 3 8	34,831 10 0	16,384 9 8	59,510 9 2	40,010 14 0	19,499 11 2
Sugar	14,01,945 14 0	8,66,375 6 0	5,35,570 8 0	14,37,309 11 6	12,55,983 6 0	1,81,326 5 6
Ghee	2,77,108 3 1	47,799 1 0	2,29,309 2 1	2,85,365 13 3	40,892 6 0	2,44,473 7 3
Timber	1,67,885 0 4	22,615 8 0	1,45,269 8 4	1,91,044 14 1	26,242 11 0	1,64,802 3 1
Firewood	36,824 11 9	.....	36,824 11 9	36,407 12 9	.....	36,407 12 9
Total Rs...	29,52,381 8 8	14,45,600 10 0	15,06,780 14 8	29,22,749 3 11	7,56,498 2 0	11,66,251 1 11

W. E. WAITE,
Chief Accountant.

No. 3-B.

Revenue during the five years from 1904-05 to 1908-09.

1906-07.			1907-08.			1908-09		
Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
4,69,464 9 6	1,68,668 6 0	3,00,796 3 6	4,60,517 2 0	1,69,796 14 0	2,90,720 4 0	4,66,180 10 0	1,43,794 8 0	3,22,386 2 0
3,300 3 0	26,981 2 0	—23,680 15 0	643 3 6	21,345 3 0	—20,701 15 6	1,156 1 3	17,306 13 0	—16,150 11 9
2,57,045 13 4	19,463 6 0	2,37,582 7 4	2,73,655 0 4	22,319 10 0	2,51,335 6 4	2,51,471 5 10	21,511 9 0	2,29,959 12 10
53,578 10 10	41,933 0 0	11,645 10 10	51,899 13 0	36,756 4 0	15,143 9 0	32,933 9 3	24,580 5 0	8,353 4 3
16,03,320 4 0	12,33,771 2 0	3,69,549 2 0	16,49,633 1 6	12,76,254 3 0	3,73,378 14 6	14,96,188 11 6	11,34,270 12 0	3,61,917 15 6
2,68,186 6 9	25,454 12 0	2,42,731 10 9	2,77,490 14 0	24,186 2 0	2,53,304 12 0	2,79,579 13 1	27,834 1 0	2,51,745 12 1
2,01,399 10 4	24,388 0 0	1,77,011 10 4	1,86,911 14 4	34,562 14 0	1,52,349 0 4	1,98,682 5 11	33,712 9 0	1,64,969 12 11
36,168 12 3	.....	36,168 12 3	13 6 0	.....	13 6 0	.....	.....	.....
28,92,464 6 0	15,40,659 12 0	13,51,804 10 0	29,00,764 6 8	15,85,221 2 0	13,15,543 4 8	27,26,192 8 10	14,03,010 9 0	13,23,181 15 10

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 4.

CONTRASTED STATEMENT showing the Original Budget Grants for 1908-09, Renewed Grants for 1907-08 and previous years, Additional Grants, Transfers, Modifications as per the Revised Estimate for 1908-09, and the Grants as finally sanctioned.

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1906-07 and previous years required for expenditure in 1908-09, and of transfers sanctioned in 1907-08, but not utilized in that year, and of Budget Grants for 1907-08 not wholly or partially utilized in that year.	Lapsed Grants for 1907-08 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimate of Expenditure for 1908-09.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee Establishment	72,370 0 0	5,317 6 1	.....	0 13 11	2,620 0 0	6,045 0 0	74,263 4 0	.....	74,263 4 0
Municipal Commissioner's Personal Office Establishment...	58,212 0 0	8,116 6 11	39 0 0	.....	300 0 0	.....	66,667 6 11	.....	66,667 6 11
General Office Establishment...	56,044 0 0	3,529 2 5	4,613 10 9	12,065 2 8	4,248 0 0	181 0 0	80,318 15 10	.....	80,318 15 10
Accounts and Expenditure Audit Establishment ...	74,724 0 0	1,507 0 0	153 0 0	534 4 5	450 0 0	50 0 0	77,318 4 5	.....	77,318 4 5
Total Rs.	2,61,350 0 0	18,469 15 5	4,805 10 9	12,600 5 0	7,618 0 0	6,276 0 0	2,98,567 15 2	.....	2,98,567 15 2
ASSESSMENT AND COLLECTION DEPT.									
Property and Wheel Tax Estt..	1,89,639 0 0	10,924 5 9	2,665 0 0	1,192 12 11	2,026 0 0	1,425 0 0	2,05,022 2 8	.....	2,05,022 2 8
Town Duty Collection	93,000 0 0	92 0 8	.....	3 0 0	8,180 0 0	6,855 0 0	94,420 0 8	.....	94,420 0 8
Tolls Collection	660 0 0	.....	.....	.....	.....	.....	660 0 0	.....	660 0 0
Licensing Establishment ...	40,543 0 0	509 0 0	18 10 9	.....	355 0 0	.....	41,425 10 9	.....	41,425 10 9
Revenue and Refund Audit Office Establishment... ...	40,012 0 0	1,225 0 1	117 0 0	.....	300 0 0	.....	41,654 0 1	.....	41,654 0 1
Total Rs.	3,63,854 0 0	12,750 6 6	2,800 10 9	1,195 12 11	10,861 0 0	8,280 0 0	3,83,181 14 2	.....	3,83,181 14 2
FIRE BRIGADE	1,61,538 0 0	5,457 1 10	12,869 1 6	6,223 9 5	3,375 13 4	3,775 13 4	1,85,687 12 9	.....	1,85,687 12 9
MAINTENANCE OF PUBLIC GARDENS									
Victoria Gardens	78,633 0 0	12,359 7 8	31,754 1 9	3,230 13 6	4,208 0 0	2,588 0 0	1,27,597 6 11	.....	1,27,597 6 11
Elphinstone Circle Garden ...	1,708 0 0	108 0 0	499 0 0	266 11 3	.....	300 0 0	2,281 11 3	.....	2,281 11 3
Falkland Road do. ...	432 0 0	18 0 0	.....	18 5 6	.....	.....	468 5 6	.....	468 5 6
Northbrook do. ...	1,604 0 0	108 0 0	75 0 0	135 15 2	.....	300 0 0	1,622 15 2	.....	1,622 15 2
Sir C. Jehangir Mahim do. ...	652 0 0	36 0 0	.....	18 5 6	.....	200 0 0	506 5 6	.....	506 5 6
Bazaar Gate Street do. ...	676 0 0	54 0 0	.....	157 14 0	.....	100 0 0	787 14 0	.....	787 14 0
Dick's Tank do. ...	382 0 0	18 0 0	23 9 7	3 7 7	.....	100 0 0	327 1 2	.....	327 1 2
Malabar Hill do. ...	766 0 0	72 0 0	.....	34 11 9	.....	150 0 0	722 11 9	.....	722 11 9
New Works...	.....	.....	6,039 14 2	2,619 13 1	.....	.....	8,659 11 3	.....	8,659 11 3
Total Rs.	84,853 0 0	12,773 7 8	38,391 9 6	6,486 1 4	4,208 0 0	3,738 0 0	1,42,974 2 6	.....	1,42,974 2 6
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. General Supervision and Miscellaneous Duties ...	67,609 0 0	3,372 0 9	36 0 0	937 6 0	250 0 0	250 0 0	71,954 6 9	.....	71,954 6 9
II. Mechanical Branch—									
A. Workshops	.....	.....	.....	.....	.....	.....	.....	.....	.....
B. Maintenance of Pumping Station at Colaba ...	28,406 0 0	488 1 2	115 0 0	69 13 11	1,887 0 0	50 0 0	30,915 15 1	.....	30,915 15 1
C. Maintenance of Love Grove Pumping Station.	1,08,005 0 0	6,272 0 0	2 0 0	3,794 11 8	5,370 0 0	.....	1,23,443 11 8	.....	1,23,443 11 8
D. Do. of Air Compressor Station at Love Grove	79,446 0 0	584 14 3	14 15 3	.....	4,612 0 0	275 0 0	84,382 13 6	.....	84,382 13 6
E Maintenance of Storm-water Sluices	2,412 0 0	131 0 0	.....	.....	.....	.....	2,543 0 0	.....	2,543 0 0
III. Sanitary—									
Disposal of Town Sweepings	1,20,587 0 0	6,230 0 0	476 0 0	1,142 14 11	500 0 0	4,000 0 0	1,24,935 14 11	.....	1,24,935 14 11
IV. Drainage—									
A. Miscellaneous Drainage	2,28,528 0 0	18,753 8 6	6,818 12 6	9,683 0 11	10,200 0 0	12,650 0 0	2,61,363 5 11	.....	2,61,363 5 11
B. Maintenance of Sluices	2,937 0 0	146 0 0	.....	427 6 7	.....	.....	3,510 6 7	.....	3,510 6 7
V. Water Works									
A. Ordinary Branch	2,57,333 0 0	15,657 2 3	37,417 4 4	48,335 3 0	5,240 0 0	7,062 0 0	3,56,920 9 7	.....	3,56,920 9 7
B. Special Branch	47,345 0 0	951 0 0	9 0 0	995 5 9	.....	9,445 0 0	39,855 5 9	.....	39,855 5 9
VI. Streets and Buildings—									
Inspection and Supervision	1,22,948 0 0	27,085 8 9	417 0 0	312 15 2	750 0 0	18,222 0 0	1,33,291 7 11	.....	1,33,291 7 11
Public Lighting...	3,42,413 0 0	.....	14,217 0 0	8,100 0 2	.....	8,900 0 0	3,55,830 0 2	.....	3,55,830 0 2
Road Watering	67,500 0 0	7,500 0 0	25,739 3 8	.....	5,000 0 0	.....	1,05,739 3 8	.....	1,05,739 3 8
Oiling and tarring roads and treating roads with Westrumite ...	10,000 0 0	25,000 0 0	.....	6,615 5 8	.....	.....	41,615 5 8	.....	41,615 5 8
Roads and Footpaths... ...	4,51,401 0 0	64,192 3 8	1,954 11 6	7,639 7 3	18,072 0 0	.....	5,43,259 6 5	.....	5,43,259 6 5
Street Improvements... ...	1,05,000 0 0	628 12 6	.....	.....	2,500 0 0	.....	1,08,128 12 6	.....	1,08,128 12 6
Miscellaneous	2,450 0 0	.....	2,004 0 0	.....	.....	600 0 0	3,854 0 0	.....	3,854 0 0
VII. Cleaning, Lighting &c., Port Trust Wharves Roads...	40,183 0 0	.....	.....	.....	.....	.....	40,183 0 0	.....	40,183 0 0
Total...Rs.	20,84,503 0 0	1,77,022 3 10	89,220 15 3	88,053 11 0	54,381 0 0	61,454 0 0	24,31,726 14 1	.....	24,31,726 14 1
Carried over Rs....	29,56,098 0 0	2,26,473 3 2	1,48,087 15 9	1,14,559 7 8	80,443 13 4	83,523 13 4	34,42,138 10 8	.....	34,42,138 10 8

Appendix No. 4—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1906-07 and previous years required for expenditure in 1908-09 and of transfers sanctioned in 1907-08, but not utilized in that year and of Budget Grants for 1907-08, not wholly or partially utilized in that year.	Lapsed Grants for 1907-1908 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b & c and 2.	Deduct Transfers as per Section 133 (2) a & c.	Total.	Less anticipated Savings as per Revised Estimates of Expenditure for 1908-09.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...	29,56,098 0 0	2,26,473 3 3	1,48,087 15 9	1,14,559 7 8	80,443 13 4	83,523 13 4	34,42,138 10 8	.....	34,42,138 10 8
New Works	47,082 0 0	1,12,455 5 3	1,88,000 12 9	46,426 4 7	3,376 0 0	.....	3,97,340 6 7	.....	3,97,340 6 7
PUBLIC HEALTH DEPARTMENT—									
General Supervision	1,19,872 0 0	5,516 13 0	616 12 8	9 4 2	13,282 0 0	5,056 0 0	1,34,240 13 10	.....	1,34,240 13 10
Conservancy Branch	17,57,156 0 0	2,42,332 7 5	34,792 11 2	15,700 14 2	38,421 0 0	48,979 0 0	20,39,424 0 9	.....	20,39,424 0 9
Markets and Slaughter-houses	1,63,647 0 0	12,515 11 3	8,049 4 0	11,621 12 9	6,678 8 0	2,555 8 0	1,99,959 12 0	.....	1,99,959 12 0
Registration of Births & Deaths	65,149 0 0	2,587 1 0	.....	268 10 2	260 0 0	1,812 0 0	66,452 11 2	.....	66,452 11 2
Cemeteries	11,290 0 0	720 0 0	.....	229 3 1	909 0 0	951 0 0	12,197 3 1	.....	12,197 3 1
Laboratory	14,706 0 0	208 0 0	.....	673 6 5	.....	.....	15,587 6 5	.....	15,587 6 5
Mahaluxmi Dhobiwada ...	16,665 0 0	54 0 0	.....	1,093 2 10	400 0 0	.....	18,212 2 10	.....	18,212 2 10
Infectious Diseases	57,419 0 0	371 11 1	12 0 0	4,509 5 9	.....	1,396 0 0	60,916 0 10	.....	60,916 0 10
Milch-cattle Stables and Rooms	7,628 0 0	867 0 0	4 9 9	685 11 10	133 0 0	50 0 0	9,268 5 7	.....	9,268 5 7
Tank Conservancy	6,558 0 0	756 0 0	.....	.....	.....	.....	7,314 0 0	.....	7,314 0 0
Rustomji Jamsetji Dharamsala at Falkland Road...	559 0 0	.....	.....	191 3 1	.....	.....	750 3 1	.....	750 3 1
Vaccination Contribution to Government	26,262 0 0	871 2 8	.....	15 8 0	.....	.....	27,148 10 8	.....	27,148 10 8
Census	.....	.....	.....	.....	.....	.....	.....	.....	.....
Contribution towards the expenses of the Malarial, &c., Fever Committee appointed by Government	.....	.....	.....	3,859 12 6	.....	.....	3,859 12 6	.....	3,859 12 6
Contribution to the Bombay Medical Congress	.....	10,000 0 0	.....	.....	.....	.....	10,000 0 0	.....	10,000 0 0
Total Rs.	22,46,911 0 0	2,76,799 14 5	43,475 5 7	38,860 14 9	60,083 8 0	60,799 8 0	26,05,331 2 9	.....	26,05,331 2 9
GENERAL STORES ...	26,399 0 0	2,579 0 0	429 4 9	237 11 3	1,520 12 0	120 12 0	31,045 0 0	.....	31,045 0 0
EDUCATION—									
Primary Education	1,97,804 0 0	.....	.....	.....	.....	.....	1,97,804 0 0	.....	1,97,804 0 0
School for Deaf & Dumb, Mutes	3,000 0 0	300 0 0	.....	.....	.....	.....	3,300 0 0	.....	3,300 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Victoria and Albert Museum...	16,158 0 0	353 0 0	519 8 0	4,969 4 8	1,430 0 0	1,430 0 0	21,999 12 8	.....	21,999 12 8
Victoria Jubilee Technical Institute	15,000 0 0	.....	.....	.....	.....	.....	15,000 0 0	.....	15,000 0 0
Joint Schools Committee Estt.	11,577 0 0	87 0 0	.....	.....	1,051 0 0	31 0 0	12,684 0 0	.....	12,684 0 0
Victoria Memorial School ...	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Prince of Wales Museum ...	25,000 0 0	.....	.....	.....	.....	.....	25,000 0 0	.....	25,000 0 0
Contingent Expenditure of the Committee appointed by Government re: the spread of Primary Education in the City of Bombay.	.....	.....	.....	470 8 0	.....	.....	470 8 0	.....	470 8 0
Total Rs.	2,73,539 0 0	740 0 0	519 8 0	5,439 12 8	2,481 0 0	1,461 0 0	2,81,258 4 8	.....	2,81,258 4 8
HOSPITALS—									
Acworth Leper Asylum at Matunga	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0	.....	36,000 0 0
Medical Institutions.	4,14,500 0 0	.....	.....	.....	.....	.....	4,14,500 0 0	.....	4,14,500 0 0
Dispensaries	14,034 9 3	.....	.....	.....	.....	.....	14,034 9 3	.....	14,034 9 3
Total Rs.	4,64,534 9 3	.....	.....	.....	.....	.....	4,64,534 9 3	.....	4,64,534 9 3
MISCELLANEOUS—									
Cost of eight damaged casks of Portland cement written off ...	.....	48 0 0	.....	.....	.....	.....	48 0 0	.....	48 0 0
Pensions, Gratuities and Compassionate Allowances	77,000 0 0	1,383 3 0	1,301 12 0	5,300 0 0	.....	.....	77,984 15 0	.....	77,984 15 0
Demolishing the Municipal Milch Cattle Stable at Cochin Street...	.....	500 0 0	.....	.....	.....	.....	500 0 0	.....	500 0 0
Discretional Contingencies ...	7,000 0 0	.....	.....	500 2 0	.....	.....	7,500 2 0	.....	7,500 2 0
Cost of preparing an Address of Condolence to be presented to H. E. Sir George Clarke ...	.....	400 0 0	.....	.....	.....	.....	400 0 0	.....	400 0 0
Auditors' Allowances	10,000 0 0	.....	.....	1,868 0 11	.....	500 0 0	11,368 0 11	.....	11,368 0 11
Loss on account of irrecoverable bills written off	.....	194 1 1	.....	.....	.....	.....	194 1 1	.....	194 1 1
Irrecoverable charges written off in connection with the Banganga Tank case	.....	.....	22,387 2 4	.....	.....	.....	22,387 2 4	.....	22,387 2 4
Total Rs.	87,000 0 0	2,525 4 1	23,688 14 4	7,668 2 11	.....	500 0 0	1,20,382 5 4	.....	1,20,382 5 4
Carried over..Rs.	61,01,563 9 3	6,21,572 11 0	4,04,201 13 2	2,13,192 5 10	1,17,905 1 4	1,16,105 1 4	73,42,030 7 3	.....	73,42,030 7 3

Appendix No. 4—*concluded.*

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1906-07, and previous years required for expenditure in 1908-09 and of transfers sanctioned in 1907-08 but not utilized in that year, and of Budget Grants for 1907-08 not wholly or partially utilized in that year.	Lapsed Grants for 1907-1908 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b, & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimates of Expenditure for 1908-09.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...	61,01,563 9 3	6,21,572 11 0	4,04,201 13 2	2,13,192 5 10	1,47,905 1 4	1,46,405 1 4	73,42,030 7 3	.....	73,42,030 7 3
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST UNDER SECTION 72 (1) OF ACT IV OF 1898.	4,50,000 0 0	.....	.....	.....	.....	.....	4,50,000 0 0	.....	4,50,000 0 0
PLAGUE EXPENSES	2,05,965 6 9	.....	.....	20,097 12 0	.....	.....	2,26,063 2 9	.....	2,26,063 2 9
MUNICIPAL DEBT—									
Interest on Loans	22,94,512 3 5	.....	55,943 9 10	99,303 7 6	.....	1,500 0 0	24,48,259 4 9	.....	24,48,259 4 9
Charges on account of Loans ...	10,425 0 0	.....	.....	.....	.....	.....	10,425 0 0	.....	10,425 0 0
Payment towards the Reduction of Debt	1,11,463 12 7	.....	500 0 0	10,000 0 0	.....	.....	1,21,963 12 7	.....	1,21,963 12 7
Payment towards the Investment of Sinking Fund	5,31,751 0 0	.....	.....	.....	.....	.....	5,31,751 0 0	.....	5,31,751 0 0
Payment towards the Investment of Interest accrued on Sinking Funds	3,30,000 0 0	12,407 12 8	.....	.....	.....	.....	3,42,407 12 8	.....	3,42,407 12 8
Total Rs. ...	32,78,152 0 0	12,407 12 8	56,443 9 10	1,09,303 7 6	.....	1,500 0 0	34,54,806 14 0	.....	34,54,806 14 0
INVESTMENTS—									
Municipal Buildings, Fire Insurance Fund	5,000 0 0	.....	.....	.....	.....	.....	5,000 0 0	.....	5,000 0 0
Interest realized on Fire Insurance Fund	4,000 0 0	489 6 4	.....	.....	.....	.....	4,489 6 4	.....	4,489 6 4
Interest realized on Worn-out Water Mains Renewal Fund ...	23,500 0 0	649 9 4	.....	.....	.....	.....	24,149 9 4	.....	24,149 9 4
Interest realized on Net Premia Fund	10,000 0 0	1,983 1 8	.....	.....	.....	.....	11,983 1 8	.....	11,983 1 8
School Building Fund	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Total Rs. ...	45,000 0 0	3,122 1 4	.....	.....	.....	.....	48,122 1 4	.....	48,122 1 4
GRAND TOTAL ...	1,00,80,681 0 0	6,37,102 9 0	4,60,645 7 0	3,42,593 9 4	1,47,905 1 4	1,47,905 1 4	1,15,21,022 9 4	.....	1,15,21,022 9 4

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 5.

EXPENDITURE.

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for 1908-09 as per Appendix No. 4 and the Actuals of the preceding year.

PARTICULARS.	Actuals for 1907-08.	Final Sanctioned Grants for expenditure during 1908-09 as per Appendix No. 4.	Actuals for 1908-09.	As compared with the Final Sanctioned Grants as per column No. 3. More.	As compared with the Final Sanctioned Grants as per column No. 3. Less.	Amount proposed to be renewed in 1909-10 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1907-08 as per column No. 2. More.	As compared with the Actuals for 1907-08 as per column No. 2. Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's establishment ...	81,397 10 11	74,263 4 0	68,146 0 2	.....	6,117 3 10	4,707 9 11	1,409 9 11	.....	13,251 10 9
Municipal Commissioner's Personal Office Establishment ...	62,269 12 3	66,667 6 11	65,839 6 1	.....	828 0 10	1 8 0	826 8 10	3,569 9 10	.....
General Office Establishment ...	52,738 7 10	80,318 15 10	62,225 3 7	.....	18,093 12 3	17,433 8 7	660 3 8	9,486 11 9	.....
Accounts and Expenditure Audit Establishment	70,528 4 7	77,318 4 5	74,835 7 11	.....	2,482 12 6	203 1 7	2,279 10 11	4,307 3 4	.....
	2,66,934 3 7	2,98,567 15 2	2,71,046 1 9	.....	27,521 13 5	22,345 12 1	5,176 1 4	17,363 8 11	13,251 10 9
ASSESSMENT AND COLLECTION DEPARTMENT—									
Property and Wheel Tax Establishment	1,88,039 6 2	2,05,022 2 8	2,00,784 15 5	.....	4,237 3 3	2,430 2 11	1,807 0 4	12,745 9 3	.....
Town Duty Collection	93,540 14 8	94,420 0 8	89,740 11 7	.....	4,679 5 1	4 8 0	4,674 13 1	.....	3,800 3 1
Tolls Collection	594 12 0	660 0 0	587 5 7	.....	72 10 5	.....	72 10 5	.....	7 6 5
Licensing Establishment	39,809 5 1	41,425 10 9	41,089 15 9	984 8 7	1,320 3 7	1,030 7 1	289 12 6	1,280 10 8	.....
Revenue and Refund Audit Establishment	40,083 0 7	41,654 0 1	41,481 8 2	.....	172 7 11	1 15 1	170 8 10	1,398 7 7	.....
	3,62,067 6 6	3,83,181 14 2	3,73,684 8 6	984 8 7	10,481 14 3	3,467 1 1	7,014 13 2	15,424 11 6	3,807 9 6
FIRE BRIGADE—									
Fire Brigade	1,68,295 10 6	1,85,687 12 9	1,71,607 7 2	.....	14,080 5 7	5,259 4 1	8,821 1 6	3,311 12 8	.....
	1,68,295 10 6	1,85,687 12 9	1,71,607 7 2	.....	14,080 5 7	5,259 4 1	8,821 1 6	3,311 12 8	.....
MAINTENANCE OF PUBLIC GARDENS...									
Victoria Gardens { Maintenance ...	68,910 13 9	1,27,597 6 11	88,151 1 0	.....	39,446 5 11	37,693 4 0	1,753 1 11	19,240 3 3	.....
Victoria Gardens { New Works ...	983 4 9	8,659 11 3	.....	.....	8,659 11 3	8,659 11 3	.....	.....	983 4 9
Elphinstone Circle Garden ...	1,364 15 4	2,281 11 3	1,633 15 0	.....	647 12 3	629 6 8	18 2 7	268 15 8	.....
Falkland Road Garden	337 14 0	468 5 6	200 1 9	.....	268 3 9	250 0 0	18 3 9	.....	137 12 3
Northbrook Garden	1,254 7 1	1,622 15 2	1,092 5 11	.....	530 9 3	357 1 0	173 8 3	.....	162 1 2
Sir C. Jehangir Mat im Garden.	631 13 11	506 5 6	332 5 5	.....	174 0 1	165 11 3	8 4 10	.....	199 8 6
Bazaar Gate Street Garden ...	735 4 11	787 14 0	581 6 3	.....	206 7 9	110 0 0	96 7 9	.....	153 14 8
Dick's Tank Garden	349 12 6	327 1 2	212 7 4	.....	114 9 10	110 0 0	4 9 10	.....	137 5 2
Malabar Hill Garden	690 1 5	722 11 9	701 1 5	.....	21 10 4	.....	21 10 4	11 0 0	.....
	75,158 7 8	1,42,974 2 6	92,904 12 1	.....	50,069 6 5	47,975 5 2	2,094 1 3	19,520 2 11	1,773 14 6
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES ...	65,190 2 8	71,954 6 9	69,705 0 9	.....	2,249 6 0	375 2 4	1,874 3 8	4,514 14 1	.....
II. MECHANICAL BRANCH—									
Maintenance of Compressor Station, Colaba (Shone System)...	29,632 13 3	30,915 15 1	30,434 10 9	.....	481 4 4	55 10 7	425 9 9	801 13 6	.....
Maintenance of Love Grove Pumping Station	1,11,023 2 10	1,23,443 11 8	1,20,542 11 11	.....	2,900 15 9	2251 1 1	649 14 8	9,519 9 1	.....
Maintenance of Air Compressor Station at Love Grove (Shone System) ...	79,397 14 2	84,382 13 6	83,529 15 11	.....	852 13 7	326 12 0	526 1 7	4,132 1 9	.....
Maintenance of Storm Water Sluices	.....	2,543 0 0	1,935 10 11	.....	607 5 1	181 0 0	426 5 1	1,935 10 11	.....
III. SANITARY DISPOSAL OF TOWN SWEEPINGS	1,21,395 10 3	1,24,935 14 11	1,22,274 11 6	.....	2,661 3 5	369 8 11	2,291 10 6	879 1 3	.....
IV. DRAINAGE -									
A. Miscellaneous Drainage ...	1,93,752 4 5	2,61,363 5 11	2,35,795 15 9	.....	25,567 6 2	7,348 13 1	18,218 9 1	42,043 11 4	.....
B. Maintenance of Sluices ...	4,275 3 0	3,510 6 7	2,821 15 0	.....	688 7 7	.....	688 7 7	.....	1,453 4 0
V. WATER WORKS, Ordinary ...	2,79,644 8 8	3,56,920 9 7	2,74,104 11 8	.....	82,815 13 11	61,729 15 0	21,085 14 11	.....	5,539 13 0
Do. Special ...	35,327 2 4	39,855 5 9	31,612 0 0	.....	8,213 5 9	9 0 0	8,204 5 9	.....	3,685 2 4
VI. STREETS AND BUILDINGS—									
A. Inspection and Supervision	1,05,155 11 11	1,33,291 7 11	1,31,314 12 3	.....	1,976 11 8	1,129 15 5	846 12 3	26,159 0 4	.....
B. Public Lighting	2,81,774 8 6	3,55,830 0 2	3,35,730 9 2	.....	20,099 7 0	17,464 13 5	2,634 9 7	53,956 0 8	.....
C. Road Watering	72,675 9 5	1,05,739 3 8	94,504 13 0	.....	11,234 6 8	11,234 6 8	.....	21,829 3 7	.....
C1. Oiling and Tarring Roads and treating roads with Westrumite (Experimental)	17,444 10 4	41,615 5 8	26,296 0 5	.....	15,319 5 3	15,319 5 3	.....	8,851 6 1	.....
D. Roads, Footpaths, &c. ..	5,18,241 14 3	5,43,259 6 5	5,25,898 0 10	.....	17,361 5 7	6,946 6 3	10,414 15 4	7,656 2 7	.....
E. Street Improvements ...	1,06,389 2 0	1,08,128 12 6	1,07,713 0 11	.....	415 11 7	415 11 7	.....	1,323 14 11	.....
F. Miscellaneous (Compensation to house owners for Insanitary Buildings demolished)	866 5 3	3,854 0 0	722 12 5	.....	3,131 3 7	1,040 0 0	2,091 3 7	.....	143 8 10
VII. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES, ROADS, &C. ...	40,183 0 0	40,183 0 0	40,183 0 0	.....	.....	.....	.....	.....	.....
	20,62,369 11 3	24,31,726 14 1	22,35,150 9 2	.....	1,96,576 4 11	1,26,187 9 7	70,378 11 4	1,83,602 10 1	10,821 12 2
Carried over Rs. ...	29,34,825 7 6	34,42,138 10 8	31,44,293 6 8	984 8 7	2,98,729 12 7	2,05,245 0 0	93,484 12 7	2,39,222 14 1	29,654 14 11

Appendix No. 5—*continued.*

Particulars.	Actuals for 1907-08.	Final Sanctioned Grants for expenditure during 1908-09 as per Appendix No. 4.	Actuals for 1908-09.	As compared with the Final Sanctioned Grants as per column No. 3. More.	As compared with the Final Sanctioned Grants as per column No. 3. Less.	Amount proposed to be renewed in 1909-10 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1907-08 as per column No. 2. More.	As compared with the Actuals for 1907-08 as per column No. 2. Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.	29,34,825 7 6	34,42,138 10 8	31,44,393 6 8	984 8 7	2,98,729 12 7	2,05,245 0 0	93,484 12 7	2,39,222 14 1	29,654 14 11
NEW WORKS—	94,541 6 5	3 97,340 6 7	1,58,062 0 4	.....	2,39,278 6 3	2,22,992 6 11	16,285 15 4	63,520 9 11	.....
	94,541 6 5	3,97,340 6 7	1,58,062 0 4	.....	2,39,278 6 3	2,22,992 6 11	16,285 15 4	63,520 9 11	.....
PUBLIC HEALTH DEPARTMENT—									
General Supervision	1,05,402 12 5	1,34,240 13 10	1.24,991 12 8	.....	9,249 1 2	6,446 8 9	2,802 8 5	19,589 0 3	.....
Conservancy Branch	17,70,520 10 4	20,39,424 0 9	19,23,557 4 2	.....	1,15,866 12 7	73 324 12 6	42,542 0 1	1,53,036 9 10	.....
Markets and Slaughter-houses.	1,60,263 4 3	1,99,959 12 0	1,75,278 13 8	.....	24,680 14 4	17,324 10 9	7,356 3 7	15,015 9 5	.....
Registration of Births and Deaths	80,239 0 10	66,452 11 2	64,633 6 1	.....	1,819 5 1	353 14 5	1,465 6 8	.....	15,605 10 9
Cemeteries	18,631 1 2	12,197 3 1	10.656 10 6	.....	1,540 8 7	283 8 9	1,256 15 10	.....	7,974 6 8
Mahaluxmi Dhobiwada	15,146 15 11	18,212 2 10	16,915 2 1	.....	1,297 0 9	1,178 10 1	118 6 8	1,768 2 2	.....
Milch-cattle Stables and Rooms.	8,059 15 6	9,268 5 7	8,251 11 3	.....	1,016 10 4	170 4 1	846 6 3	191 11 9	.....
Tank Conservancy	6,760 6 9	7,314 0 0	6,537 1 3	.....	776 14 9	.....	776 14 9	.....	223 5 6
Rustomjee Jamsetjee Dharamsala	555 0 1	750 3 1	671 6 6	.....	78 12 7	.....	78 12 7	116 6 5	.....
Laboratory	13,590 13 8	15,587 6 5	13 408 12 8	.....	2,178 9 9	1,273 13 5	904 12 4	.....	182 1 0
Infectious Diseases	47,703 5 1	60,916 0 10	57,717 7 11	.....	3,198 8 11	2,357 5 11	841 3 0	10,014 2 10	.....
Vaccination (Contribution to Government)	22,841 12 11	27,148 10 8	21,245 6 11	.....	5,903 3 9	1,343 3 9	4,560 0 0	.....	1,596 6 0
Census	268 0 0	.....	.....	.....	.....	.....	.....	.....	268 0 0
Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay	1,140 3 6	3,859 12 6	136 13 11	.....	3,722 14 7	3,722 14 7	.....	.....	1,003 5 7
Contribution payable to the Bombay Medical Congress.	.....	10,000 0 0	10,000 0 0	.....	.....	.....	.....	10,000 0 0	.....
	22,51,123 6 5	26,05,331 2 9	24,34,001 13 7	.....	1,71,329 5 2	1,07,779 11 0	63,549 10 2	2,09,731 10 8	26,853 3 6
POLICE CHARGES—									
Municipal Contribution	1,37,374 7 11	.....	.....	.....	.....	.....	.....	.....	1,37,374 7 11
Putting up a teakwood ceiling to the Girgaum Police Quarters	1,081 7 0	.....	.....	.....	.....	.....	.....	.....	1,081 7 0
	1,38,455 14 11	.....	.....	.....	.....	.....	.....	.....	1,38,455 14 11
GENERAL STORES ESTABLISHMENT—									
General Stores Establishment ...	26,443 11 2	31.045 0 0	29,456 7 11	.....	1,588 8 1	915 14 8	672 9 5	3,012 12 9	.....
	26,443 11 2	31,045 0 0	29,456 7 11	.....	1,588 8 1	915 14 8	672 9 5	3,012 12 9	.....
EDUCATION—									
Contingent expenses incurred by the Committee appointed by Government regarding the spread of Primary Education in the City of Bombay	29 8 0	470 8 0	326 13 0	.....	143 11 0	143 11 0	.....	297 5 0	.....
Primary Education	1,97,804 0 0	1,97,804 0 0	1,97,804 0 0	.....	.....	.....	.....	.....	.....
School for Deaf and Dumb Mutes	3,000 0 0	3,300 0 0	2,900 0 0	.....	400 0 0	100 0 0	300 0 0	.....	100 0 0
Veterinary College...	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
Victoria and Albert Museum ...	13,314 8 2	21,999 12 8	18,021 1 4	.....	3,978 11 4	3,485 4 6	493 6 10	4,706 9 2	.....
Victoria Jubilee Technical Institute	10,000 0 0	15,000 0 0	15,000 0 0	.....	.....	.....	.....	5,000 0 0	.....
Prince of Wales Museum ...	25,000 0 0	25,000 0 0	25,000 0 0	.....	.....	.....	.....	.....	.....
Joint Schools Committee's Establishment	11,201 10 6	12.684 0 0	12,633 0 3	.....	50 15 9	.....	50 15 9	1,431 5 9	.....
Victoria Memorial School ...	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
	2,65,349 10 8	2,81,258 4 8	2,76,684 14 7	.....	4,573 6 1	3,728 15 6	844 6 7	11,435 3 11	100 0 0
HOSPITALS—									
Goculdas Tejpal Hospital ...	Cr. 349 5 8	.....	.....	.....	.....	.....	.....	349 5 8	.....
Homeless Leper Asylum at Matunga	36,000 0 0	36,000 0 0	36,000 0 0	.....	.....	.....	.....	.....	.....
Medical Institutions	4,14,500 0 0	4,14,500 0 0	4.14,500 0 0	.....	.....	.....	.....	.....	.....
Dispensaries	.....	14,034 9 3	14,034 9 3	.....	.....	.....	.....	14,034 9 3	.....
	4,50,150 10 4	4,64,534 9 3	4,64,534 9 3	.....	.....	.....	.....	14,383 14 11	.....
Carried over Rs. ...	61,60,890 3 5	72,21,648 1 11	65,07,133 4 4	984 8 7	7,15,439 6 2	5,40,662 0 1	1,74,837 6 1	5,41,307 2 3	1,95,064 1 4

Appendix No. 5—*concluded.*

Particulars.	Actuals for 1907-08.	Final Sanctioned Grants for expenditure during 1908-09 as per appendix No. 4.	Actuals for 1908-09.	As compared with the Final Sanctioned Grants as per column No. 3. More.	As compared with the Final Sanctioned Grants as per column No. 3. Less.	Amount proposed to be renewed in 1909-10 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1907-08 as per column No. 2. More.	As compared with the Actuals for 1907-08 as per column No. 2. Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...	61,60,890 3 5	72,21,648 1 11	65,07,133 4 4	984 8 7	7,15,499 6 2	5,40,662 0 1	1,74,837 6 1	5,41,307 2 3	1,95,064 1 4
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances	74,394 12 9	77,984 15 0	65,622 12 7	.....	12,362 2 5	9,521 1 2	2,841 1 3	.....	8,772 0 2
Discretional Contingencies ...	5,098 2 5	7,500 2 0	3,716 1 11	.....	3,784 0 1	3,540 0 0	244 0 1	.....	1,382 0 6
Auditors' Allowance	6,263 14 3	11,368 0 11	11,316 15 8	.....	51 1 3	.....	51 1 3	5,053 1 5	.....
Cost of preparing a Casket for the address of Welcome to His Majesty the Amir of Afghanistan	4 0 0	.....	.....	.....	.....	.....	.....	.....	4 0 0
Loss on account of Private Works irrecoverable bills written off ...	354 15 2	194 1 1	104 1 1	.....	90 0 0	90 0 0	.....	.....	250 14 1
Cost of a Casket for Address of Welcome presented to Sir George Clarke, Governor, elect of Bombay and illuminating and engrossing the same ...	980 0 0	.....	.....	.....	.....	.....	.....	.....	980 0 0
Cost of illuminating and engrossing the Farewell Address presented to Lord Lamington, Retiring Governor of Bombay.	492 2 6	.....	.....	.....	.....	.....	.....	.....	492 2 6
Loss sustained in the sale of certain unserviceable pipes and fittings written off	84,805 3 7	.....	.....	.....	.....	.....	.....	.....	84,805 3 7
Arrears of rent due to Government in respect of the Workshops ground at Paltan Road ..	32,931 13 2	.....	.....	.....	.....	.....	.....	.....	32,931 13 2
Loss on account of deterioration of articles in the store written off	.....	48 0 0	48 0 0	.....	.....	.....	.....	48 0 0	.....
Cost of preparing the Address of Condolence presented to His Excellency Sir George Clarke and of the Casket to contain the same	.....	400 0 0	380 4 0	.....	19 12 0	.....	19 12 0	380 4 0	.....
Irrecoverable charges written off in connection with the Banganga Tank case ...	.....	22,387 2 4	22,387 2 4	.....	.....	.....	.....	22,387 2 4	.....
Demolishing the milch cattle stable at Cochin Street... ...	....	500 0 0	.....	.....	500 0 0	500 0 0	.....	.....	.....
	2,05,324 15 10	1,20,382 5 4	1,03,575 5 7	.....	16,806 15 9	13,651 1 2	3,155 14 7	27,868 7 9	1,29,618 2 0
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST	3,56,081 4 2	4,50,000 0 0	4,50,000 0 0	.....	.....	.....	.....	93,918 11 10	.....
PLAGUE EXPENSES	1,95,516 14 3	2,26,063 2 9	2,23,328 5 8	.....	2,734 13 1	2,734 13 1	.....	27,811 7 5	.....
MUNICIPAL DEBT—									
Interest on Loans	22,73,024 13 4	24,48,259 4 9	23,04,406 14 6	.....	1,43,852 6 3	1,42,790 10 7	1,061 11 8	31,382 1 2	.....
Charges on Loans	9,885 3 6	10,425 0 0	10,217 3 6	.....	207 12 6	.....	207 12 6	332 0 0	.....
Payment towards the reduction of Debt	98,663 5 2	1,21,963 12 7	1,09,463 12 7	.....	12,500 0 0	12,500 0 0	.....	10,800 7 5	.....
Payment towards the investment of interest accrued on Sinking Fund	3,13,618 6 1	3,42,407 12 8	3,42,407 12 8	.....	.....	.....	.....	28,789 6 7	.....
Payment towards the investment of Sinking Fund	5,31,751 0 0	5,31,751 0 0	5,31,751 0 0	...	.....	.....	.....	.....	.....
	32,26,942 12 1	34,54,806 14 0	32,98,246 11 3	.....	1,56,560 2 9	1,55,290 10 7	1,269 8 2	71,303 15 2	.....
INVESTMENTS—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	5,000 0 0	5,000 0 0	.....	.....	.....	.....	.....	.....
Interest realized on Fire Insurance Fund	4,134 5 8	4,489 6 4	4,489 6 4	.....	.....	.....	.....	355 0 8	.....
Interest realized on the Net Premia, &c., Fund	9,749 6 3	11,983 1 8	11,983 1 8	.....	.....	.....	.....	2,233 11 5	.....
Interest realized on Worn-out Water Mains Renewal Fund ...	23,077 6 5	24,149 9 4	24,149 9 4	.....	.....	.....	.....	1,072 2 11	.....
Interest realized on School Building Fund	2,483 15 4	2,500 0 0	2,220 11 4	.....	279 4 8	.....	279 4 8	.....	263 4 0
	44,445 1 8	48,122 1 4	47,842 12 8	.....	279 4 8	.....	279 4 8	3,660 15 0	263 4 0
GRAND TOTAL Rs ...	1,01,89,201 3 5	1,15,21,022 9 4	1,06,30,126 7 6	984 8 7	8,01,880 10 5	7,12,338 8 11	1,79,542 1 6	7,65,870 11 5	3,24,945 7 4
				Less Excess	984 8 7		984 8 7	3,24,945 7 4	
					8,90,896 1 10		1,78,557 8 11	4,40,925 4 1	

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

SURPLUS

Dr. STATEMENT showing the state of the Surplus Cash

To	Rs. a. p.	Rs. a. p.
Sums Payable—		
Deposits, &c., in cash	3,94,421 7 8	
Do. on account of Contractors' Government Paper kept in office	27,600 0 0	
Bank of Bombay on account of Contractors' Securities held under objection	2,100 0 0	
Government of Bombay on account of Income Tax	932 5 1	
Cheques payable	92,546 5 4	
Loan Works Establishment	17,869 15 8	
Contribution from Government towards the cost of Primary School Buildings	1,00,000 0 0	6,35,470 1 9
Reserve Stock per Contra		7,25,151 15 0
Amount to be renewed in 1909-1910 for unpaid charges for and prior to 1908-1909		7,12,338 8 11
Reserve Stock Purchases		54,755 6 11
		21,27,716 0 7
Balance at the close of the year 1908-1909—		
Minimum Cash Balance required by the Act	1,00,000 0 0	
Amount reserved for payment to the C. I. Trust on account of contribution from revenues earmarked for the purpose during the year	7,80,000 0 0	
SURPLUS CASH BALANCE	7,21,099 11 10	16,01,099 11 10
	Total Rs...	37,28,815 12 5

W. E. WAITE,
Chief Accountant.

No. 6.

CASH BALANCE.

Balance at the close of the year 1908-1909. CR.

By	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cash Deposits and Investments—			
Cash balance in the Office and Bank Treasuries		10,85,658 14 8	
Surplus Funds investments		16,26,046 6 11	27,11,705 5 7
Advances—			
TO LOAN WORKS—			
Expenditure on Loan Works as per Appendix No. 6 A, attached, including Plague expenses up to 1903-1904		4,74,77,127 15 0	
Less—			
Amount drawn from Loan Funds as per Appendix No. 6 A, attached.		4,74,77,127 15 0	.....
	Rs. a. p.		
To Municipal Officers, &c.	19,028 9 10		
Miscellaneous Advances	43,778 1 4		
Charges recoverable from Government (including Plague expenses incurred on their behalf) ...	1,11,017 7 3		
To Private and Departmental Works including Workshops	97,468 6 3		
To printing and stamping, building and repair certificates and water application forms ...	114 12 8		
To Contractors	18,003 9 2	2,89,410 14 6	2,89,410 14 6
Reserve Stock—			
SERVICEABLE STORES—	Rs. a. p.		
Stock	4,89,688 4 1		
Water Works Imprest	1,965 11 2	4,91,653 15 3	
Executive Engineer (Kerosine oil)		613 9 6	
Line Suspense account		1,22,344 10 0	
Parel stores (Plague)		92 12 8	
	Rs. a. p.	6,14,704 15 5	
Stock adjustment account	52,315 10 4		
Surplus and obsolete stores	58,131 5 3	1,10,446 15 7	7,25,151 15 0
Sales (Stores)			2,547 9 4
		Total Rs....	37,28,815 12 5

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 6-A.

STATEMENT showing (1) the Amount of Loans raised, (2) the Expenditure on Loan Works, and (3) the Invested Balance on 31st March, 1909.

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
DRAINAGE AND WATER WORKS (Rs. 26,94,000) LOAN OF 1878—		
Drainage, 1st Section	26,94,000	16,52,449 12 9 *a*
Water Works (Bhandarwada)		10,16,830 13 3
	26,94,000	26,69,280 10 0
SURFACE DRAINAGE WORKS	6,00,000	6,00,000 0 0
SANITARY WORKS (44 LAKHS) LOAN—		
Surface Drainage Works (Rs. 13,22,134-3-3—Rs. 6,00,000) ...	44,00,000	7,22,134 3 3
Drainage (1883-84)...		10,74,951 2 0 *b*
Do. (1884)		4,01,080 11 5
Ripon Road...		1,41,500 1 2
Other Sanitary Works		87,110 9 6
Water Works		18,95,947 12 0
	44,00,000	43,22,724 7 4
SANITARY WORKS (7 LAKHS) LOAN—		
Fort Drainage, &c....	7,00,000	4,62,337 0 0
Water Works		1,42,241 5 4
	7,00,000	6,04,578 5 4
DRAINAGE AND WATER WORKS (12 LAKHS) LOAN—		
Queen's Road Sewerage, &c.	12,00,000	9,01,437 3 2
Water Works (Frere Road, Main)		80,031 5 0
	12,00,000	9,81,468 8 2
MISCELLANEOUS WORKS (10,08,500) LOAN—		
Drainage Works	10,08,500	58,396 14 10
Cross Road at Mahaluxmee Station		19,594 4 8
Nowrojee Hill Road		70,089 2 0
Markets (Erskine Road, &c.)		4,86,906 2 8
Water Works		1,16,214 3 2
	10,08,500	7,51,200 11 4
HOUSE SULLAGE WATER CONNECTIONS, AGRIPADA (Rs. 2,48,000) LOAN	2,48,000	2,33,533 12 10
VARIOUS SANITARY WORKS (35 LAKHS) LOAN—		
Drainage	35,00,000	13,864 7 3
New Roads at Agripada and elsewhere...		15,26,679 2 9
Bhuleshwar Market Extension and Foras Road Market ...		3,72,835 15 1
Other Works		4,11,271 5 9
Water Works		8,72,574 9 10
	35,00,000	31,97,225 8 8
TANSA WATER WORKS (147 LAKHS) LOAN	1,47,00,000	1,46,96,383 7 0
MUNICIPAL BUILDING (INCLUDING FURNITURE, &C.) (8 LAKHS) LOAN.	8,00,000	7,33,060 3 0 (*c*)
FIRE BRIGADE QUARTERS, &C. (4½ LAKHS) LOAN...	4,50,000	4,03,320 6 1
23¼ LAKHS DRAINAGE, WATER WORKS, ROADS AND OTHER WORKS LOAN.—		
Drainage	23,25,000	17,44,602 15 5
Falkland Road Overbridge		15,082 9 4
Wari Bunder Bridge		1,32,652 0 0
Other Works		5,890 14 2
Water Works		1,49,522 5 7
	23,25,000	20,47,750 12 5
Carried over Rs. ...	3,26,25,500	3,12,40,526 12 2

a. Including Rs. 1,94,031-13-3 written off in 1902-03 on account of properties not then existing.
b. Do. Rs. 98,438-1-9 do. do. do. do.
c Excluding Rs. 7,34,326-8-3 paid out of the Invested Fund.

No. 6-A.—*concluded.*

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
Brought forward Rs....	3,26,25,500	3,12,40,526 12 2
15¾ LAKHS SEWERAGE, WARI BUNDER, &c., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS LOAN.—		
Drainage	15,75,000	5,69,077 1 0
Wari Bunder and Victoria Roads, *less* Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road ...		1,60,232 2 11
Burial Ground		2,11,652 4 5
Water Works		12,842 13 10
	15,75,000	9,53,804 6 2
25 LAKHS LOAN FOR SEWERAGE, &c., WORKS.—		
Drainage	25,00,000	11,25,083 14 4
Water Works		1,90,250 14 6
Disposal of Town Sweepings and Land for Burial Ground ...		11,33,264 0 0
	25,00,000	24,48,598 12 10
19¼ LAKHS LOAN FOR SEWERAGE, ROADS, &c., WORKS.—		
Drainage	19,25,000	14,53,566 3 4
Miscellaneous Works		91,666 1 4
	19,25,000	15,45,232 4 8
24¾ LAKHS LOAN FOR SEWERAGE AND WATER WORKS.—		
Drainage	24,75,000	14,71,461 10 2
Water Works		2,10,475 11 11
	24,75,000	16,81,937 6 1
12¾ LAKHS LOAN FOR WATER WORKS.—		
Water Works	12,75,000	4,43,911 3 0
2ND 24¾ LAKHS LOAN FOR CERTAIN SEWERAGE WORKS	24,75,000	6,60,642 9 8
13¼ LAKHS LOAN FOR VARIOUS SANITARY WORKS	13,50,000	1,30,623 0 0
EXECUTED OUT OF SAVINGS ON DIFFERENT LOANS.—		
Drainage	.....	7,95,334 4 0
Water Works	.....	3,00,082 15 9
Markets	.....	75,790 15 4
Roads, &c.	.....	75,982 10 1
Street Improvements in different Places	.....	2,39,995 14 6
Miscellaneous Works	.....	3,27,678 5 2
	.....	18,14,865 0 10
ADVANCES FROM SURPLUS BALANCES.—		
Drainage	.....	4,48,125 9 5
Water Works	.....	97,571 7 3
Roads and Overbridges	.....	3,10,008 10 4
Street Improvements in different Places	.....	6,98,262 11 5
Other works	.....	4,92,965 9 10
	.....	20,46,934 0 3
LOAN FOR PLAGUE EXPENSES.—		
Plague Expenses incurred from 1896-1897 to 1903-1904 (deducting Rs. 14¼ lakhs met from the Government Contribution).	20,00,000	45,10,052 7 4
GRAND TOTAL ... Rs.	4,82,00,500 (*a*)	4,74,77,127 15 0 (*b*)

	Rs. a. p.
a. Amount of Loans raised	4,82,00,500 0 0
b. Amount expended	4,74,77,127 15 0
Invested Balance (*vide* Statement 10, page 73)	7,23,372 1 0

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT of Outstanding Loans due by the Municipality and

	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1908.	Amount raised in 1908-09.	Total.	Amount repaid in 1908-09.	Balance due on 31st March 1909.
	1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Loan raised from Government.						
1	Vehar Water Works Debt ...	4 per cent...	23,71,902 9 10	.....	23,71,902 9 10	19,463 12 7	23,52,438 13 3
	Loans raised from the Public.						
2	Drainage Loan of 1878 (Rs. 26,94,000)	5 per cent...	13,15,000 0 0	.....	13,15,000 0 0	(a) 90,000 0 0	12,25,000 0 0
3	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs) ...	5 per cent...	37,39,000 0 0	.....	37,39,000 0 0	(b)	37,39,000 0 0
4	The Sanitary Works Loan of 1888 (Rs. 7 Lakhs)	5 per cent...	7,00,000 0 0	.....	7,00,000 0 0	(b)	7,00,000 0 0
5	The Tansa Water Works Loan (Rs. 147 Lakhs.)	5 per cent...	1,47,00,000 0 0	.....	1,47,00,000 0 0	(b)	1,47,00,000 0 0
6	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs) ...	5 per cent...	12,00,000 0 0	.....	12,00,000 0 0	(b)	12,00,000 0 0
7	The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500)	5 per cent...	10,08,500 0 0	.....	10,08,500 0 0	(b)	10,08,500 0 0
8	The Agripada House Sullage Water Connections Loan of 1889-90 of Rs. 2,48,000	5 per cent...	2,48,000 0 0	.....	2,48,000 0 0	(b)	2,48,000 0 0
9	The 35 Lakhs Various Sanitary Works Loan of 1890-91 ...	5 per cent...	35,00,000 0 0	.....	35,00,000 0 0	(b)	35,00,000 0 0
10	The Municipal Office Building Loan of 1891 (Rs. 8 Lakhs) ...	5 per cent...	8,00,000 0 0	.....	8,00,000 0 0	(b)	8,00,000 0 0
11	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations..	4 per cent...	4,50,000 0 0	.....	4,50,000 0 0	(b)	4,50,000 0 0
12	The Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. Government Consolidated Loan	4 per cent...	42,00,000 0 0	.....	42,00,000 0 0	(b)	42,00,000 0 0
13	The Loan of 23¼ Lakhs for Drainage and other Works ...	4 per cent...	23,25,000 0 0	.....	23,25,000 0 0	(b)	23,25,000 0 0
14	The Loan of 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 Lakhs)... ...	3½ per cent..	15,75,000 0 0	.....	15,75,000 0 0	(b)	15,75,000 0 0
	Do. do. (2nd Instalment of Rs. 5¾ Lakhs)... ...	4 per cent...					
15	25 Lakhs Loan for Sewerage, Water and other Sanitary Works.	4 per cent...	25,00,000 0 0	.....	25,00,000 0 0	(b)	25,00,000 0 0
16	20 Lakhs Loan for Plague Purposes	4 per cent...	20,00,000 0 0	.....	20,00,000 0 0	(b)	20,00,000 0 0
17	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent...	19,25,000 0 0	.....	19,25,000 0 0	(b)	19,25,000 0 0
18	24¾ Lakhs Loan for certain Sewerage and Water Works ...	4 per cent...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
19	12¾ Lakhs Loan for certain Water Works	4 per cent...	12,75,000 0 0	.....	12,75,000 0 0	(b)	12,75,000 0 0
20	The 2nd 24¾ Lakhs Loan for certain Sewerage Works ...	4 per cent...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
21	13½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries	4 per cent...	.....	13,50,000 0 0	13,50,000 0 0	(b)	13,50,000 0 0
	Total of Loans raised from the Public ...	Rs. ...	4,84,10,500 0 0	13,50,000 0 0	4,97,60,500 0 0	90,000 0 0	4,96,70,500 0 0
	GRAND TOTAL ...	Rs. ...	5,07,82,402 9 10	13,50,000 0 0	5,21,32,402 9 10	1,09,463 12 7	5,20,22,938 13 3

W. E. WAITE,
Chief Accountant.

No. 7.

the sums set aside as Sinking Fund at 31st March 1909.

Interest paid in 1908-09.	Total of columns Nos. 6 and 8.	Remarks.
8	9	
Rs. a. p.	Rs. a. p	
94,512 3 5	1,13,976 0 0	(a) The amount stipulated to be paid off on 1st January 1909 was Rs. 92,000 which, together with unpaid debentures aggregating Rs. 10,500 for the preceding years, aggregated Rs. 1,02,500, against which the debentures actually surrendered for payment up to 31st March 1909 amounted to Rs. 90,000. The unpaid balance thus amounts to Rs. 12,500, which is represented by the following debentures:— No. 2368 for Rs. 500 repayable on 1st January 1906 and Nos. 2780, to 2788, 2796, 2798, 2804 to 2815 and 2820 for Rs. 500 each, repayable on 1st January 1909. The unpaid debentures do not carry interest beyond the due date and will be repaid from the renewed grant when the holders apply for payment.
		(b) As under the terms of these Loans the bonds cannot be repaid to the holders before the dates stipulated in the Debentures, the Sinking Fund has been invested as under:—

	Amount of Sinking Fund invested up to 31st March 1908.	Sinking Fund Instalments paid in 1908-09.	Interest accumulations invested in 1908-09.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—5 per cent. Loans.				
44 Lakhs Sanitary Works Loan	13,17,973 3 8	41,872 0 0	63,744 15 8	14,23,590 3 4
7 Do. do. do. do.	2,01,524 12 8	8,170 0 0	9,590 8 5	2,19,285 5 1
147 Do. Tansa Water Works Loan	10,39,649 14 5	66,040 0 0	50,025 14 3	11,55,715 12 8
12 Do. Drainage and Water Works Loan	3,62,930 11 10	12,616 0 0	17,364 5 0	3,92,911 0 10
Rs. 10,08,500 Miscellaneous Works Loan	2,71,444 4 10	11,940 0 0	13,240 10 6	2,96,624 15 4
Rs. 2,48,000 Agripada House Sullage Water Connections Loan	67,457 15 5	2,659 0 0	3,208 9 7	73,325 9 0
35 Lakhs Various Sanitary Works Loan	7,90,623 14 8	43,061 0 0	37,976 6 8	8,71,661 5 4
8 Do. Municipal Office Building Loan	1,73,565 10 1	9,293 0 0	8,559 3 11	1,91,417 14 0
Total I. ...	42,25,170 7 7	1,95,651 0 0	2,03,710 10 0	46,24,532 1 7
In 5 and 4 per cent. Municipal and 4 per cent. Improvement Trust Debentures and in 3½ per cent. Govt. Paper at par lodged with the Bank of Bombay.	42,25,000 0 0	3,99,361 10 0 3,99,500 0 0		46,24,500 0 0
Cash deposited with the Bank of Bombay	170 7 7	−138 6 0		32 1 7
II.—4 per cent. Loans. (3½ per cent. basis.)				
4½ Lakhs Fire Brigade Quarters and Stations Loan	1,64,280 3 3	8,570 0 0	6,738 8 9	1,79,588 12 0
42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	14,15,350 4 11	80,678 0 0	56,438 10 5	15,52,466 15 4
23½ Lakhs Loan for Drainage and other Works ...	3,85,701 3 7	27,467 0 0	15,474 15 7	4,28,643 3 2
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads Burial Ground and Certain Water Works (2nd instalment)	77,488 10 3	7,286 0 0	3,132 8 10	87,907 3 1
25 Lakhs Loan for Sewerage, Water, &c., Works ...	2,54,936 0 9	29,535 0 0	9,939 1 5	2,94,410 2 2
29 Lakhs Loan for Plague purposes...	5,51,685 2 5	70,482 0 0	23,362 13 8	6,45,530 0 1
19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	1,72,425 1 7	22.698 0 0	7,249 2 2	2,02,372 3 9
24¾ Lakhs Loan for Sewerage and Water Works ...	1,20,825 4 4	29,286 0 0	5,283 4 9	1,55,394 9 1
12¾ Lakhs Loan for certain Water Works...	78,146 0 2	24 698 0 0	3,410 8 2	1,06,254 8 4
2nd 24¾ Lakhs Loan for Sewerage Works...	The Sinking Fund of this loan is shown under a separate head below, it having been decided that the investments should be on a 3 per cent. basis.			
Total II. ...	32,20,837 15 3	3,00,700 0 0	1,31,029 9 9	36,52,567 9 0
In 4 per cent. Municipal and Improvement Trust Debentures and in 3½ per cent. Govt. Paper lodged with the Bank of Bombay	32,20,638 2 0	4,31,729 9 9 4,31,530 0 0		36,52,168 2 0
Cash deposited with the Bank of Bombay	199 13 3	199 9 9		399 7 0
III.—4 per cent. Loans (3 per cent. basis.)				
2nd 24¾ Lakhs Loan for Sewerage Works	33,232 3 2	32,823 0 0	1,403 11 7	67,458 14 9
In 3 per cent. Government Paper, etc., lodged with the Bank of Bombay...	33,230 0 0	34,226 11 7 34,170 0 0		67,400 0 0
Cash deposited with the Bank of Bombay	2 3 2	56 11 7		58 14 9
IV.—3½ per cent. Loans.				
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment)...	1,69,216 8 6	11,147 0 0	6,263 13 4	1,86,627 5 10
In 3½ per cent. Government Paper, etc., lodged with the Bank of Bombay	1,69,001 9 0	17,410 13 4 17,500 0 0		1,86,501 9 0
Cash deposited with the Bank of Bombay	214 15 6	−89 2 8		125 12 0
Grand Total I, II, III and IV ...	76,48,457 2 6	5,40,321 0 0	3,42,407 12 8	85,31,185 15 2

66,937 8 0	1,56,937 8 0
1,88,925 0 0	1,88,925 0 0
32,400 0 0	32,400 0 0
7,41,187 8 0	7,41,187 8 0
60,162 8 0	60,162 8 0
50,150 0 0	50,150 0 0
12,400 0 0	12,400 0 0
1,73,150 0 0	1,73,150 0 0
40,000 0 0	40,000 0 0
17,080 0 0	17,080 0 0
1,70,290 0 0	1,70,290 0 0
96,320 0 0	96,320 0 0
57,995 0 0	57,995 0 0
1,01,630 0 0	1,01,630 0 0
79,130 0 0	79,130 0 0
79,410 0 0	79,410 0 0
99,061 6 4	99,061 6 4
50,300 0 0	50,300 0 0
98,206 14 5	98,206 14 5
12,238 14 4	12,238 14 4
22,26,974 11 1	23,16,974 11 1
23,21,486 14 6	24,30,950 11 1

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

SINKING

STATEMENT showing the Actual Investments on account of the Sinking Fund of Different to that date on the basis

NAME OF LOAN.	Amount raised.	When Repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.
1	2	3	4	5
	Rs.	Rs.	Rs.	
5 per cent. Municipal Loans.				
44 Lakhs Sanitary Works Loan	44,00,000	1st July 1886 7,000 1st „ 1887 4,43,000 1st „ 1890 51,000 1st „ 1895 1,60,000 1st „ 1925 37,39,000	† 41,872	..... *
7 Lakhs Sanitary Works Loan ...	7,00,000	1st February 1928 ...	8,170	1st February 1889...
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	(*a*) Between 1st January 1928 and 1st January 1953.	66,040	1st January 1893 ...
12 Lakhs Drainage and Water Works Loan.	12,00,000	1st January 1928 ...	(*b*) 12,616	1st January 1889 ...
Rs. 10,08,500 Miscellaneous Works Loan.	10,08,500	1st October 1928 ...	11,940	1st October 1889 ...
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	1st July 1929 ...	2,659	1st January 1891 ...
35 Lakhs Various Sanitary Works Loan.	35,00,000	1st July 1930 ...	43,061	1st July 1891 ...
8 Lakhs Municipal Office Building Loan.	8,00,000	1st July 1931 ...	9,293	1st July 1892 ...
4 per cent. and 3½ per cent. Municipal Loans.				
4½ Lakhs Fire Brigade Quarters and Stations Loan.	4,50,000	1st January 1923 ...	8,570	1st January 1894 ...
42 Lakhs Loan for the repayment of the balance of Government Consolidated Loan.	42,00,000	1st July 1923 ...	80,678	1st July 1894 ...
23¼ Lakhs Loan for Drainage and other Works.	23,25,000	1st July 1935 ...	27,467	1st July 1896 ...
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works—				
1st Instalment	10,00,000 raised at 3½ per cent.	1st July 1936 ...	(*c*) 11,147	1st July 1897 ...
2nd Do.	5,75,000 raised at 4 per cent.		7,286	
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	1st November 1939 ...	29,535	1st November 1900
20 Lakhs Loan for Plague purposes ...	20,00,000	1st May 1920 ...	70,482	1st May 1901 ...
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	1st June 1940 ...	22,698	1st June 1901 ...
24¾ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	1st June 1943 ...	29,286	1st June 1904 ...
12¾ Lakhs Loan for certain Water Works	12,75,000	1st August 1934 ...	24,698	1st August 1905 ...
2nd 24¾ Lakhs Loan for Sewerage Works.	24,75,000	1st August 1946 ...	(*d*) 32,823	1st August 1907 ...
				Total Rs. ...

W. E. WAITE,
Chief Accountant.

No. 7 (*a*).

FUND.

Loans up to 31st March 1909, compared with the amounts which should have accumulated up of the Fixed Instalments.

Amount of Sinking Fund which should have accumulated up to 31st March 1909 at Compound Interest.	Amount actually invested up to 31st March 1909.	Amount of Interest due up to 31st March 1909 collected and invested in 1909-10.	Total of Columns 7 and 8.	REMARKS.
6	7	8	9	10
Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
14,29,499	14,23,590 3 4	27,119 6 3	14,50,709 9 7	
2,22,161	2,19,285 5 1	3,831 7 2	2,23,116 12 3	† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4,946 of 9th February 1905.
11,69,804	11,55,715 12 8	20,444 7 11	11,76,160 4 7	
5,98,837	3,92,911 0 10	7,094 15 8	4,00,006 0 6	* As Rs. 6,61,000 of this Loan were paid off by 31st December 1895, leaving a balance of Rs. 37,39,000 repayable on 1st July 1925, and as the Invested Sinking Fund on 31st March 1896 amounted to Rs. 4,51,047-15-5, the amount of the Annual Sinking Fund Instalment was reduced from Rs. 37,600 to Rs. 30,550 from 1st January 1897.
3,00,898	2,96,624 15 4	5,605 15 6	3,02,230 14 10	
74,748	73,325 9 0	1,319 1 0	74,644 10 0	
8,87,348	8,71,661 5 4	14,782 15 7	8,86,444 4 11	(*a*) Rs. 2,00,000 repayable on 1-1-1928. ,, 52,91,500 ,, ,, 1-1-1933. ,, 22,08,500 ,, ,, 1-1-1943. ,, 17,00,000 ,, ,, 1-1-1946. ,, 10,00,000 ,, ,, 1-1-1948. ,, 43,00,000 ,, ,, 1-1-1953.
1,94,064	1,91,417 14 0	3,470 3 4	1,94,888 1 4	
1,79,778	1,79,588 12 0	2,120 0 4	1,81,708 12 4	(*b*) In January 1889 Rs. 10,000 were invested and in subsequent years Rs. 11,000.
15,70,847	15,52,466 15 4	17,664 13 0	15,70,131 12 4	
4,33,737	4,28,643 3 2	4,800 11 7	4,33,443 14 9	
1,77,575	1,86,627 5 10	1,867 13 4	1,88,495 3 2	
98,715	87,907 3 1	957 7 1	88,864 10 2	(*b*) In 1897-98 Rs. 18,875 were invested in 3½ per cent. Government Paper.
2,97,777	2,94,410 2 2	3,560 4 8	2,97,970 6 10	
6,52,055	6,45,530 0 1	7,495 14 1	6,53,025 14 2	
2,04,700	2,02,372 3 9	2,444 4 1	2,04,816 7 10	
1,56,424	1,55,394 9 1	1,630 6 10	1,57,024 15 11	
1,06,400	1,06,254 8 4	901 10 11	1,07,156 3 3	
67,962	67,458 14 9	505 8 0	67,964 6 9	(*d*) The Sinking Fund of this Loan has been calculated on a 3 per cent. instead of 3½ per cent. basis since 1907-08.
86,23,329	85,31,185 15 2	1,27,617 6 4	86,58,803 5 6	

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT showing the Interest outstanding on 1st April 1908 on the different of Bombay during that year, and the

	Name of each Loan.	Dates when raised.	Authority.	
			Corporation Resolution.	Government Resolution.
	5 per cent. Loans.			
1	Drainage Loan of 1878 (Rs. 26,94,000).	1st November and 1st December 1878.	No. 1296 / 10-9-78.	No. 2951 / 28-9-78.
2	The Sanitary Works Loan of 1885-86 (Rs. 44,00,000).	Between 5th May 1885 and 30th March 1886.	Nos. 9021 / 2-12-81, 905 / 12-3-82 and 438 / 16-5-83.	Nos. 2669 / 17-7-82, 384 / 2-2-83, 3771 / 19-10-83, 460 / 4-2-84, and 124 / 27-4-85.
3	The Sanitary Works Loan of 1888 (Rs. 7,00,000).	1st February 1888	No. 991 / 13-10-86.	No. 1427 / 4-5-88.
4	The Tansa Water Works Loan (Rs. 1,47,00,000).	Between 5th June 1886 and 24th December 1891.	Nos. 1312 / 13-11-85 and 345 / 9-4-91.	Nos. 561 / 12-2-86, 1008 / 16-3-86, 1930 / 31-5-86, 2876 / 21-9-87, 3978 / 21-7-88, 4198 / 8-10-89, 3392 / 23-8-90, and 3262-63 / 15-9-91.
5	The Drainage and Water Works Loan of 1888 (Rs. 12,00,000).	1st January and 1st July 1888.	Nos. 894 / 20-7-87 and 1145 / 8-9-87.	No. 873 / 16-3-88.
6	The Miscellaneous Works Loan 1888-89 (Drainage and Water Works, Markets and Roads) (Rs. 10,08,500).	Between 1st November 1888 and 1st July 1889.	No. 29 / 4-4-88.	Nos. 4937 / 7-9-88, 3230 / 19-9-89, 4138 / 24-11-88
7	The Agripada House Sullage and Water Connections Loan of 1889-90 (Rs. 2,48,000).	Between 1st January and 1st July 1890.	No. 4688. / 8-10-88.	Nos. 6547 / 28-12-89, and 17 / 3-1-90.
8	The Various Sanitary Works Loan of 1890-91 (Rs. 35,00,000).	Between 25th September 1890 and 1st January 1892.	Nos. 29 / 4-4-88, 5293 / 19-11-88, 5605 / 7-1-89, 572 / 13-5-89, 5152 / 25-11-89, 6235 / 23-1-90, 433 / 17-4-90 and 1488 / 22-5-90.	No. 3392 / 23-8-90.
9	The Municipal Building Loan of 1891 (Rs. 8,00,000).	24th December 1891	No. 11551 / 9-2-91.	No 3262 / 15-9-91.
	4 per cent. Loans.			
10	The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000).	23rd December 1892, 30th November and 1st December 1893.	No. 5144 / 8-8-92.	Nos. 1023 / 29-3-92, 2501 / 14-6-92, 2164 / 28-6-92 and 3145 / 6-9-92.
11	The Loan for repayment of the balance of the 4½ per cent. Government Consolidated Loan (Rs. 42,00,000).	28th and 29th June 1893 ...	No. 13956 / 23-3-93.	No. 1989 / 6-6-93.
12	The Loan for Drainage and other Works (Rs. 23,25,000).	12th and 31st January 1894 and 11th and 15th July 1895.	No. 6222 / 28-9-93.	Nos. 809 / 3-3-94. and 3764 / 8-10-94.
13	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground, and certain Water Works (Rs. 15,75,000, of which the 2nd instalment of Rs. 5,75,000 was raised at 4 per cent.).	17th July 1899	Nos. 504 / 12-4-94, 13697 / 7-3-95, 8992 / 7-11-95, 8976 / 7-11-95. 12034/5 / 4-2 97. and 14435 / 25-3-97.	Nos. 3501 / 22-8-95, 883 / 22-2-96, 2320 / 3-6-99 and 2643 / 23-6-99.
14	The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000).	17th and 18th July 1899 ...	Nos. 8976 / 7-11-95, 12034/5 / 4-2 97, and 14435 / 25-3-97.	Nos. 3841 A / 28-8-97, Telegram / 26-7-98, and 2320 / 3-6-99.
15	The Loan for Plague purposes (Rs. 20,00,000).	6 lakhs raised between 15th July and 20th December 1899, 6 lakhs raised in November 1900, and 8 lakhs raised between 12th August and 9th October 1902.	No. 8099 / 6-12-97.	Nos. 4960 / 5-9-98. and 2320 / 3-6-99.
16	The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000).	18th and 19th July 1899 and September 1900.	No. 628 / 18-4-98.	Nos. 4960 / 5-9-98 and 2540 / 16-6-99.
17	The Loan for certain Sewerage and Water Works (Rs. 24,75,000).	6 lakhs raised between 15th June and 1st July 1901, 11 lakhs raised between 23rd August and 31st October 1901, 4 lakhs raised between 19th August and 28th October 1902, and 3¾ lakhs raised on 9th September 1903.	No. 1956 / 14-5-1900.	No. 3427 / 15-6-1901.
18	The Loan for certain Water Works (Rs. 12,75,000).	1st September 1904	No. 244 / 23-4-03.	No. 4416 / 22-8-04.
19	The 2nd 24¾ Lakhs Loan for certain Sewerage Works.	Rs. 12 lakhs raised on 3rd September 1905 and Rs. 12¾ lakhs on 9th September 1907.		No. 4004 / 21-7-05 and Telegram / 31-8 05. No. 4792 / 5-8-07 and Telegram / 31-7-07.
20	The 13¼ Lakhs Loan for the Construction of quarters for halalkhores and Biggaries.	7th August 1908	2204 of 29-6-08	No. 3447 / 9-5-08.
	3½ per cent. Loan.			
	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,75,000, of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent.)	1st December 1896	(*Vide* Reso. Nos. against Loan No. 13) ...	(*Vide* Reso. Nos. against Loan No. 13.) ...

W. E. WAITE,
Chief Accountant.

No. 8.

Loans, the amounts payable for the year 1908-1909, the amounts paid by the Bank
Balances outstanding on 31st March 1909.

Date when Loan is repayable.	Interest outstanding on 1st April 1908.	Interest payable in 1908-1909.	Total Interest due.	Less Interest paid by the Bank of Bombay.	Outstanding Balance on 31st March 1909.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1st January 1919	18,150 0 0	65,225 0 0	83,375 0 0	66,937 8 0	16,437 8 0
1st July 1925	23,125 0 0	1,86,950 0 0	2,10,075 0 0	1,88,925 0 0	21,150 0 0
1st February 1928	10,050 0 0	35,000 0 0	45,050 0 0	32,400 0 0	12,650 0 0
Between 1st January 1928 and 1st January 1953.	33,300 0 0	7,35,000 0 0	7,68,300 0 0	7,41,187 8 0	27,112 8 0
1st January 1928	5,075 0 0	60,000 0 0	65,075 0 0	60,162 8 0	4,912 8 0
1st October 1928	1,087 8 0	50,425 0 0	51,512 8 0	50,150 0 0	1,362 8 0
1st July 1929	.....	12,400 0 0	12,400 0 0	12,400 0 0	.....
1st July 1930	9,775 0 0	1,75,000 0 0	1,84,775 0 0	1,73,150 0 0	11,625 0 0
1st July 1931	.....	40,000 0 0	40,000 0 0	40,000 0 0	.....
1st January 1923	2,100 0 0	18,000 0 0	20,100 0 0	17,080 0 0	3,020 0 0
1st July 1923	18,120 0 0	1,68,000 0 0	1,86,120 0 0	1,70,290 0 0	15,830 0 0
1st July 1935	12,010 0 0	93,000 0 0	1,05,010 0 0	96,320 0 0	8,690 0 0
1st July 1936	510 0 0	23,000 0 0	23,510 0 0	22,890 0 0	620 0 0
1st November 1939	2,450 0 0	1,00,000 0 0	1,02,450 0 0	1,01,630 0 0	820 0 0
1st May 1920	4,620 0 0	80,000 0 0	84,620 0 0	79,130 0 0	5,490 0 0
1st June 1940	9,230 0 0	77,000 0 0	86,230 0 0	79,410 0 0	6,820 0 0
1st June 1943	3,758 9 10	99,000 0 0	1,02,758 9 10	99,061 6 4	3,675 7 10 (a) 21 11 8
1st August 1934	2,470 0 0	51,000 0 0	53,470 0 0	50,300 0 0	3,170 0 0
1st August 1946	1,148 7 6	99,000 0 0	1,00,148 7 6	98,206 14 5	1,941 9 1
1st May 1938	.....	12,493 2 5	12,493 2 5	12,238 14 4	254 4 1
1st July 1936	367 8 0	35,000 0 0	35,367 8 0	35,105 0 0	262 8 0
Total Rs. ...	1,57,347 1 4	22,15,493 2 5	23,72,840 3 9	22,26,974 11 1	1,45,865 8 8*

* Minus Rs. 21-11-8 *vide* note (a) below.

(a) This represents the interest on small holdings for broken periods and as it is not claimed by the debenture-holders it is treated as a saving.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 9.

STATEMENT showing Works executed out of Loan Funds during 1908-1909.

Particulars.	Amount.	Total.	Grand Total.
DRAINAGE—	Rs. a. p.	Rs. a. p.	Rs. a. p.
24¾ LAKHS LOAN—			
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City	22,379 9 6		
Completion of house drainage connections in different parts of the City	46,250 12 8	68,630 6 2	
SECOND 24¾ LAKHS LOAN—			
Sewerage of the Malabar Hill District, Sectional ...		1,20,959 9 5	
SAVINGS ON DIFFERENT LOANS—			
Laying a 6″ pipe drain along Chamarbag properties in Parel Road...	1,287 12 1		
Laying a pipe sewer between Forjett Street and Tardeo Road	2,407 10 2		
Construction of Permanent Manholes over Drains ...	6,527 5 7		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	817 1 4		
Giving Street Connections to Storm-water drains in the City	3,275 2 8		
Laying a 6″ pipe sewer in the passage opening to Portuguese Church Road	1 0 0		
Laying a 6″ pipe drain in the passage at Currey Road...	1 0 0		
Laying a 6″ pipe drain at Madanpura	346 4 2		
Laying a 9″ pipe drain at Elphinstone Road	16 3 2		
Tracing the plans and sections of the Parel, Mazagon and the old Race-course Districts	658 15 0		
Establishment charges for the preparation of plans and estimates for the sewerage of the Mazagon, Parel and old Race-course Districts, &c.	10,338 0 0		
Fees to Midgley. Taylor for reporting on the subject of ejectors, &c, required for Sectional Districts	1,961 1 4		
Fees to Messrs. Taylor and Strachan for their opinion in matters connected with the surcharging of sewers.	16,796 13 4		
Extension of the 15″ Sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on the Clerk Road sewer...	12,408 4 9		
Cost of preparing certain models and of carrying out certain experiments for the improvement of the main sewer of the City	200 0 0		
Expenses incurred by Mr. James in connection with inquiries in regard to (*a*) the Liernur System of Drainage, (*b*) the Love Grove Outfall, (*c*) Surcharging of Sewers	1,634 3 0		
Construction of a S. W. drain in Colaba Causeway between Mayo Road and Thomas Street	8,973 9 11		
Construction of a S. W. drain in Church Gate Street from its junction with the Mayo Road to the main S. W. drain in Queen's Road near the Church Gate Street	4,033 9 5	71,683 15 11	
ADVANCES FROM SURPLUS BALANCES—			
Colaba sewerage works	*Cr.* 250 0 0		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle	1,411 2 1		
Advances—Carried over Rs. ...	1,161 2 1		
Drainage—Carried forward Rs. ...		2,61,273 15 6	

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...		2,61,273 15 6	
DRAINAGE—			
Advances—*contd.*	1,161 2 1		
S. W. drain in Ripon Road from Agripada drain to Jacob Circle	2,086 12 11		
Storm-water drain in Haines Road from Khatao Makanji Mill to Jacob Circle	642 12 1		
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	1,79,366 2 6		
Storm-water drain in Arthur Road from its junction with Kala Chowki Road and Jacob Circle	9,724 2 1		
Providing an additional ejector in Fergusson Road near its junction with DeLisle Road	33,510 6 1		
Constructing a S. W. drain in new Parbhadevi Road ...	65 4 5		
Constructing a S. W. drain in DeLisle Road, North of Arthur Road	104 15 11		
Constructing a S. W. drain in Mayo Road from Church Gate Street to Band Stand	43 10 5		
Constructing a S. W. drain in Mayo Road from Queen's Statue to Church Gate Street	20 11 8		
Constructing a S. W. drain in Colaba Causeway between Ormiston Street and Thomas Street	8,538 5 0		
Extending the existing S. W. drain and constructing water gullies and water cables in Mazagon Road ...	3,579 0 10		
Measures for relieving the surcharging of sewers ...	7,548 4 9		
Construction of a S. W. drain in DeLisle Road (north)...	48,373 11 3		
Construction of a S. W. drain in DeLisle Road (south) ...	15,257 13 3		
Construction of two new drainage chowkies at Churni Road and Bapty Road	9,675 7 9		
Tracing the plans and sections of the Parel, Mazagon and the old Race Course Districts	*Cr.* 658 15 0		
Establishment charges for the preparation of plans and estimates for the sewerage of the Mazagon, Parel and old Race Course Districts, &c.	*Cr.* 10,338 0 0		
Fees to Midgley Taylor for reporting on the subject of ejectors &c., required for sectional districts	*Cr.* 1,961 1 4		
Fees to Messrs. Taylor and Strachan for their opinion in matters connected with the surcharging of sewers ...	*Cr.* 16,796 13 4		
Extension of the 15″ sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on the Clerk Road sewer	*Cr.* 12,408 4 9		
Cost of preparing certain models and of carrying out certain experiments for the improvement of the main sewer of the City	*Cr.* 200 0 0		
Expenses incurred by Mr. James in connection with inquiries in regard to (*a*) the Liernur System of Drainage, (*b*) the Love Grove Outfall, (*c*) Surcharging of Sewers	*Cr.* 1,634 3 0		
Construction of a S. W. drain in Colaba Causeway between Mayo Road and Thomas Street	*Cr.* 8,973 9 11		
Construction of a S. W. drain in Church Gate Street from its junction with the Mayo Road to the main S. W. drain in Queen's Road near the Church Gate St.	*Cr.* 4,033 9 5		
		2,62,694 2 3	
			5,23,968 1 9
Carried forward Rs. ...			5,23,968 1 9

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.			5,23,968 1 9
WATER WORKS—			
25 LAKHS LOAN—			
9″ main from Ghorupdeo Road to Jackeria Bunder Road and 6″ main from thence to Sewri Cemetery Road ...	230 0 2		
Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir	36,875 12 10		
9″ service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12″ main and supplemented midway by a 9″ service main down Connaught Road	36,376 14 8	73,482 11 8	
24¾ LAKHS LOAN—			
Mains from 48″ Tansa Main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill.	20,565 4 11		
32″ outlet mains from Malabar Hill to Chowpati ...	230 0 0	20,795 4 11	
12¾ LAKHS LOAN—			
Removing and relaying the 32″ Vehar main south of Kurla		51,216 8 11	
SAVINGS ON DIFFERENT LOANS—			
Laying water mains in B Ward	854 13 6		
Extending the new 9″ main in the Agripada District along Gilder Street to join the existing 32″ main in Grant Road...	9,268 7 9		
Providing the trunk water mains with Venturi water meters	41 13 10		
Extending the existing 9″ main in DeLisle Road to join with the 15″ main in Elphinstone Road	8,983 12 0		
Travelling expenses to an Inspector and laskars for taking survey, &c, in connection with the storage reservoir and filter beds at Ghatcooper...	35 0 6	19,183 15 7	
ADVANCES FROM SURPLUS BALANCES—			
Laying a 9″ main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joined to the 6″ main already laid in Albert Road	4,386 1 1		
Laying a 6″ main in new Mathew Road	43 6 8		
Laying water mains on the Colaba Reclamation ...	27,091 0 5		
Laying new water mains and fixing hydrants in the roads (City Improvement Scheme No. IV.)	21,127 4 7		
Providing the trunk water mains with Venturi water meters	1,346 5 8		
Mains from 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill.	36,753 11 6		
Extending the existing 9″ main in DeLisle Road to join with the 15″ main in Elphinstone Road	Cr. 8,983 12 0		
Travelling expenses to an Inspector and laskars for taking survey, &c., in connection with the storage reservoir and filter beds at Ghatcooper	Cr. 35 0 6	81,729 1 5	
			(a)2,46,407 10 6
Carried forward Rs. ...			7,70,375 12 3

(a) This is exclusive of Rs. 2,110-0-0 met out of Worn-out Water Mains Renewal Fund.

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.			7,70,375 12 3
ROADS—			
SAVINGS ON DIFFERENT LOANS—			
Street Improvements in different places		48 2 9	
ADVANCES FROM SURPLUS BALANCES—			
Acquisition of land for—			
(1) Street Improvements in different places	3,55,068 15 1		
A. SITES FOR OVERBRIDGES AND APPROACH ROADS—			
Land acquired for overbridge at Arthur Road over the G. I. P. Ry... 14,899 10 8			
General Purchase of land, &c. for the various overbridges 861 14 1			
	15,761 8 9		
B. For New Streets—			
At Cavel 37,195 11 7			
„ Hamalwadi 6,185 0 0			
„ Piru Lane 89 7 0			
„ Nishanpada Road 610 15 3			
„ Modi Street, Agiary Lane 2,511 14 9			
„ Raghunath Dadaji Street 1,741 1 2			
„ Dadysett Agiary Street 191 12 1			
	48,525 13 10	4,19,356 5 8	
			4,19,404 8 5
MARKETS—			
SAVINGS ON DIFFERENT LOANS—			
Market at Elphinstone Road	6,217 13 8		
Market at Kamatipura	17,905 2 3	24,122 15 11	
MISCELLANEOUS WORKS—			24,122 15 11
19¼ LAKHS LOAN—			
Purchase of two sites of land required for burning and burial ground at Mahim and Worlee including cost of enclosure walls, &c.	1,613 4 8		
Extra cost of the scheme for the disposal of Town sweepings at Deonar	1,200 5 0	2,813 9 8	
13½ LAKHS LOAN—			
Construction of chawls, &c., for halalkhores at Valpakhadi (Mazagon)	1,03,623 0 0		
Construction of semi-permanent huts for biggaries at Arthur Road	27,000 0 0	1,30,623 0 0	
SAVINGS ON DIFFERENT LOANS—			
Acquisition of land at Colaba as a site for quarters for halalkhores	4,268 4 10		
Providing latrines and urinals at different places ...	35,037 10 4		
Providing wooden racks in Block No. 2 of the Central Stores Building at Chinchpokli	2,495 5 4	41,801 4 6	
ADVANCES FROM SURPLUS BALANCES—			
Acquisition of land at Colaba as a site for quarters for halalkhores	Cr. 4,268 4 10		
Construction of chawls, &c. for halalkhores at Valpakhady (Mazagon)	Cr. 36,156 11 8		
Advances—Carried over Rs. ...	Cr. 40,425 0 6		
Miscellaneous—Carried over Rs. ...		1,75,237 14 2	
Carried forward Rs			12,13,903 4 7

Appendix No. 9—*concluded.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.			12,13,903 4 7
MISCELLANEOUS WORKS—*contd.*		1,75,237 14 2	
ADVANCES FROM SURPLUS BALANCES—*contd.*	*Cr.* 40,425 0 6		
Providing a Burial ground at Haines Road for the Portuguese Community	6,274 0 8		
Construction of shops on the west and south sites of the Arthur Crawford Markets	194 15 3		
Construction of a stable for bullocks of the Night Branch, Public Health Department, and an office, etc.	33,491 8 7		
Construction of additional quarters for the Fire Brigade Staff at Byculla Fire Brigade Station	24,595 14 2		
Construction of an Engine House and Foreman's quarters at the Sankli Tank Fire Brigade Station	19,485 11 2		
Construction of 11 urinals on Port Trust grounds near the Docks	6,254 2 7		
Cost of preparing plans and estimates of the proposed new Municipal Workshops at Foras Road	4,205 11 3		
Renewing the two blocks of the Butcher's chawl at the Bandora Slaughter Houses	13,721 7 6		
Filling in the portion of the old water course situated at the north corner of the Foras Tank and west of Parbhadevi Night-soil Depôt in DeLisle Road	3,501 0 10		
Building a new office in the Sankli Street for the use of the Assessment Department, E Ward Office and constructing a Ward Office, Chowkidar's Quarters and Store Room for the Streets and Buildings Branch, E Ward, in Sankli Street	323 4 8		
Acquisition of land and properties at Jail Road, north, for the construction of stables and chawls for the Health Department	1,89,276 8 0		
Construction of semi-permanent huts for biggaries at Arthur Road	*Cr.* 24,836 5 3		
Commutation of Government interest on land acquired by the Municipality at Stable Street, Kamatipura for the Health Department	1,300 0 0		
Providing wooden racks in Block No. 2 of the Central Stores Building at Chinchpokli...	*Cr.* 2,495 5 4		
Establishment charges for preparing plans and estimates for constructing stables for carts and bullocks in the City	1,078 8 1		
Construction of 25 bathing places in the City	7,506 9 5		
Preparing plans and estimates for the construction of buildings for Primary Schools	793 5 4		
Building a new office for the use of F and G Ward Offices at Dadar and converting the existing Ward Office into a godown and providing latrines for the workmen	4,194 10 2		
Providing a Burial ground for Mahomedans in F and G Wards, Antop Hill, Matunga	3,884 4 0		
Filling in the Babula Tank with debris	42,674 15 6		
		2,94,999 14 1	
			4,70,237 12 3
GRAND TOTAL ... Rs.			16,84,141 0 10

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 9-A.

STATEMENT of Expenditure on Plague Operations for 1908-1909 contrasted with the figures for 1907-1908.

Actual Expenditure for 1907-08.	Particulars.	Actual Expenditure for 1908-09.
Rs. a. p.		Rs. a. p.
	1. Free Medical Relief—	
	A.—Hospitals—	
29,207 15 5	I. Maratha Hospital	28,235 4 3
9,714 0 7	II. Colaba Hospital	7,321 15 3
10,928 2 3	*B.—Dispensaries*	.....
18,250 5 6	2. Maintenance of Camps	31,040 7 1
10,219 9 2	3. Net Municipal Contribution to Private Health Camps, &c.	9,108 13 3
24,421 11 4	4. House Inspection—Improvement of insanitary houses	8,588 1 9
431 6 4	5. Cutting off service pipes, erecting stand-pipes, &c.	146 9 9
939 0 0	6. Fees for notification of plague cases	627 0 0
27,336 8 10	7. General Supervision	25,021 5 6
41 0 0	8. Allowance for removal of corpses	.....
206 4 3	9. Firewood for cremation of dead bodies	.....
.....	10. Law charges	1,706 2 0
28,758 14 7	11. Disinfection	36,329 9 5
14,890 11 1	12. Registration	15,741 5 1
18,836 9 7	13. Rat destruction	35,573 11 10
531 6 1	14. Inoculation	453 8 0
.....	15. Protection of Bombay by Railway against outside infection	.....
859 12 8	16. Discretional relief	830 15 2
69 8 0	17. Plague allowance to persons removed from infected areas to healthy localities	16,225 0 11
3,538 8 0	18. Grain compensation	7,560 9 9
1,99,181 5 8		2,24,510 7 0
3,664 7 5	*Less*—Miscellaneous Receipts on account of ground rent, &c., ...	1,182 1 4
1,95,516 14 3	Total Rs...	2,23,328 5 8

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT showing the Liabilities and Assets

Liabilities.		Amount.	Total.	Grand Total.
I—Debt.		Rs.	Rs.	Rs. a. p.
Due to Government—				
Vehar Debt				23,52,438 13 3
Due to the Public—				
5 °/o Loans.	Original Rs.	Repaid.	Balance.	
Drainage Loan of 1878	26,94,000	14,69,000	12,25,000	
Sanitary Works Loan of 1885-86	44,00,000	6,61,000	37,39,000	
Sanitary Works Loan of 1888	7,00,000	.....	7,00,000	
12 Lakhs Drainage and Water Works Loan	12,00,000	.....	12,00,000	
Rs. 10,08,500 Miscellaneous Works Loan	10,08,500	.....	10,08,500	
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	.....	2,48,000	
35 Lakhs Various Sanitary Works Loan	35,00,000	.....	35,00,000	
147 Lakhs Tansa Water Works Loan	1,47,00,000	.....	1,47,00,000	
8 Lakhs Municipal Office Building Loan	8,00,000	.....	8,00,000	
Total 5 °/o Loans ...	2,92,50,500	21,30,000	2,71,20,500	
4 °/o Loans.				
4½ Lakhs Loan for Fire Brigade Quarters and Stations ...	4,50,000	.....	4,50,000	
42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan	42,00,000	.....	42,00,000	
23¼ Lakhs Loan for the construction of Drainage, Water Works and other Works	23,25,000	.....	23,25,000	
15¾ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (2nd Instalment)	5,75,000	.....	5,75,000	
25 Lakhs Loan for Sewerage, Water and other Sanitary Works.	25,00,000	.....	25,00,000	
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	.....	19,25,000	
20 Lakhs Loan for Plague Expenses	20,00,000	.....	20,00,000	
24¾ Lakhs Loan for Sewerage and Water Works	24,75,000	.....	24,75,000	
12¾ Lakhs Loan for certain Water Works	12,75,000	.....	12,75,000	
Second 24¾ Lakhs Loan for certain Sewerage Works ...	24,75,000	.....	24,75,000	
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Beggaries	13,50,000	.....	13,50,000	
Total 4 °/o Loans ...	2,15,50,000	.....	2,15,50,000	
Debt due to the Public—Carried over ... Rs.	5,08,00,500	21,30,000	4,86,70,500	
Do. Govt. do.				23,52,438 13 3

No. 10.

of the Bombay Municipality at 31st March 1909.

Assets.	Face value.	Actual cost.	Deposits—Current account & fixed deposits.	Amount.	Total.	Grand Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Cash Balance at 31st March 1909 in the Office and Bank Treasuries—						10,85,658 14 8
II. Advances Recoverable—						
a. Cash advanced to Municipal Officers				.....	19,028 9 10	
b. Inter-departmental Charges—						
Workshops (Private and Departmental Works)				23,236 3 6		
Engineer's Department (Private Works)				31,505 11 7		
Engineer's Department (Departmental Works)				42,726 7 2		
					97,468 6 3	
c. Advances to Contractors					18,003 9 2	
d. Miscellaneous					43,892 14 0	
e. Charges recoverable from Government (including Plague charges incurred on their behalf) ..					1,11,017 7 3	2,89,410 14 6
III. Investments—						
a. Surplus Funds Deposits—Paper.	Rs. a. p.	Rs. a. p.	Rs. a. p.			
4 per cent. Municipal Debentures	9,000 0 0	8,877 8 0				
4 per cent. Bombay Improvement Trust Debentures	61,500 0 0	62,569 6 0				
3½ per cent. Government Paper	6,05,300 0 0	5,99,023 4 0				
3 per cent. Government Paper	4,32,600 0 0	3,74,199 0 0				
Total ...	11,08,400 0 0	10,44,669 2 0	5,81,377 4 11	16,26,046 6 11	16,26,046 6 11	
b. Loan Funds—						
4 per cent. Bombay Improvement Trust Debentures	.....	.....				
3½ per cent. Government Paper	1,00,000 0 0	98,437 8 0				
Total Loan Funds ...	1,00,000 0 0	98,437 8 0	6,24,934 9 0	7,23,372 1 0	(*a*)7,23,372 1 0	
c. Sinking Funds—						
5 per cent. Municipal Loans—			Cash Deposits and Current Accounts.			
3½ per cent. Government Paper	3,38,500 0 0	3,38,500 0 0				
4 per cent. Bombay Improvement Trust ...	5,79,500 0 0	5,79,500 0 0				
4 per cent. Municipal Debentures	2,40,500 0 0	2,40,500 0 0				
5 per cent. Municipal Debentures	34,66,000 0 0	34,66,000 0 0				
	46,24,500 0 0	46,24,500 0 0	32 1 7	46,24,532 1 7		
4 per cent. Municipal Loans—(3½ per cent Basis)—						
4 per cent. Municipal Debentures	11,04,000 0 0	11,03,816 6 9				
4 per cent. Bombay Improvement Trust Debentures	22,36,500 0 0	22,36,551 11 3				
3½ per cent. Government Paper	3,11,800 0 0	3,11,800 0 0				
Total 4% ...	36,52,300 0 0	36,52,168 2 0	399 7 0	36,52,567 9 0		
4 per cent Municipal Loans—(3 per cent Basis)—						
3 per cent Government Paper	67,400 0 0	67,400 0 0	58 14 9	67,458 14 9		
3½ per cent. Loan—						
3½ per cent. Government Paper	1,56,300 0 0	1,53,501 9 0				
4 per cent. Bombay Improvement Trust Debentures	30,000 0 0	30,000 0 0				
4 per cent. Municipal Debentures	3,000 0 0	3,000 0 0				
	1,89,300 0 0	1,86,501 9 0	125 12 10	1,86,627 5 10		
Total Sinking Funds ...	85,33,500 0 0	85,30,569 11 0	616 4 2	85,31,185 15 2	* 85,31,185 15 2	
d. Special Funds—						
MUNICIPAL BUILDINGS FIRE INSURANCE FUND.						
5 per cent. Municipal Debentures	27,000 0 0	27,000 0 0				
4 per cent. Municipal Debentures	27,500 0 0	27,092 3 0				
4 per cent. Bombay Improvement Trust Debentures	58,000 0 0	59,571 9 0				
3½ per cent. Government Paper	1,000 0 0	996 14 0				
Total ...	1,13,500 0 0	1,14,660 10 0	476 14 2	1,15,137 8 2		
Special Funds carried over Rs....	1,13,500 0 0	1,14,660 10 0	476 14 2	1,15,137 8 2		
				Carried over Rs..	1,08,80,604 7 1	13,75,069 13 2

(*a*) This belongs to the Water Works Account.

* Of this Rs. 33,84,963 belong to the Water Works Account.

Appendix

LIABILITIES AND ASSETS of the Bombay

Liabilities.		Amount.	Total.	GRAND TOTAL.
		Rs.	Rs.	Rs. a. p
Debt due to Govt. Brought forward		.....	.....	23,52,438 13 3
	Original. Rs.	Repaid.	Balance.	
Do. to the Public—Brought forward	5,08,00,500	21,30,000	4,86,70,500	
3½ % *Loan.*				
15¾ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Grounds and certain Water Works (1st Instalment)	10,00,000	.....	10,00,000	
Total 5%, 4% and 3½% Loans ...	5,18,00,500	21,30,000	4,96,70,500	
Total Debt due to the Public Rs. ...				4,96,70,500 0 0
II. Deposits.				
Contractors', &c., deposits in cash		3,60,131 1 11		
Deposits on account of works performed for private parties		33,765 3 9	3,93,896 5 8	
Contractors', &c., Government, &c., Paper Deposits (lodged with the Bank of Bombay)		2,97,900 0 0		
Contractors', &c., Government, &c., Paper Deposits (kept in Office)		27,600 0 0		
Deposit on account of Sir Mangaldas Nathoobhai's Clock		500 0 0	3,26,000 0 0	
Government of Bombay on account of Income Tax recovered from Establishments		17 0 5		
Income Tax recovered from Owners of Public Land Conveyances		915 4 8	932 5 1	
Court Attachments			479 12 4	
Miscellaneous Receipts, Stores Dept., Supervision Charges on stores sold ...		0 12 0		
Profit on sale of stores		18 5 4	19 1 4	
Interest realized on Government &c. Paper lodged by Municipal Employes, Contractors, &c.			26 4 4	7,21,353 12 9
Bank of Bombay on account of contractors' securities held under objection...				2,100 0 0
III. Purchases (Stores)				54,755 6 11
IV. Loan Works Establishment				17,859 15 8
V. Cheques payable				92,546 5 4
VI. Book value of Municipal land at Agripada, &c., transferred to the Improvement Trust				18,18,205 5 11
VII. Contribution from Government towards the cost of Primary School Buildings				1,00,000 0 0
Total Liabilities ...				5,48,29,769 11 10
Balance being Assets in excess of Liabilities				2,01,15,563 8 5
Total Rs. ...				7,49,45,333 4 3

W. E. WAITE,
Chief Accountant.

No. 10—*continued.*

Municipality at 31st March 1909.

Assets.	Nominal value.	Actual cost.	Cash deposits, current account and fixed deposits.	Amount.	Total.	GRAND TOTAL.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...					1,08,80,604 7 1	13,75,069 13 2
	Rs. a. p.	Rs. a. p.	Rs. a. p.			
Special Funds brought over ...	1,13,500 0 0	1,14 660 10 0	476 14 2	1,15,137 8 2		
2. WORN-OUT WATER MAINS RENEWAL FUND—						
5 per cent. Municipal Debentures	1,45,500 0 0	1,45,500 0 0				
4 per cent. Municipal Debentures	2,17,000 0 0	2,14,791 14 0				
4 per cent. Bombay Improvement Trust Debentures	2,07 000 0 0	2,09,898 7 0				
3½ per cent. Government Paper	7,000 0 0	6 886 4 0				
Total ...	5,76,500 0 0	5,77,076 9 0	79 1 11	5,77,155 10 11		
3. NET PREMIA FUND—						
5 per cent. Municipal Debentures	22,000 0 0	22,000 0 0				
4 per cent. Municipal Debentures	12,500 0 0	12,342 8 0				
4 per cent. Bombay Improvement Trust Debentures	2,500 0 0	2,567 13 0				
Total ...	37,000 0 0	37,410 5 0	166 11 6	37,577 0 6		
Total Special Funds ...	7,27,000 0 0	7,29,147 8 0	722 11 7	7,29,870 3 7		
					7,29,870 3 7	
e. Contractors', &c., Paper Deposits				2,97,900 0 0	1,16,10,474 10 8	
f. Paper Deposit on account of Sir Mangaldas Nathoobhai's Clock				500 0 0		
					2,98,400 0 0	
IV. Reserve Stock—						1,19,08,874 10 8
Serviceable Stores—						
Stock				4,89,688 4 1		
Water Works Imprest				1,965 11 2		
Line suspense account					4,91,653 15 3	
					1,22,344 10 0	
Executive Engineer's Stores (Kerosine Oil)					613 9 6	
Parel Plague Stores					92 12 8	
Stock adjustment account				52,315 10 4	6,14,704 15 5	
Surplus and obsolete stores				58,131 5 3	1,10,446 15 7	
Sales Stores						7,25,151 15 0
						2,547 9 4
V. Loan Works—Construction—						
a. Buildings and Sanitary Structures				56,80,628 6 2		
b. Roads and Bridges				39,83,318 15 1		
c. Drainage (including Buildings)				1,43,74,245 7 8		
d. Water Works (Do.)				2,87,92,096 14 3		
e. Cemeteries (Burning and Burial Grounds)				6,29,523 9 9		
f. Disposal of Town Sweepings				10,51,771 11 5		
g. Miscellaneous				66,063 1 11	5,45,77,648 2 3	
VI. Unbooked Property					45,37,835 11 11	
VII. Other Property—					5,91,15,483 14 2	
Land transferred to Bombay Improvement Trust					18,18,205 5 11	6,09,33,689 4 1
Total Rs. ...						7,49,45,333 4 3

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 10-A.

SCHEDULE of New Works, &c., carried out from Loan and Special Funds up to 31st March 1909.

	Amount.	Total.	GRAND TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—*Buildings and Sanitary Structures*—			
Bandora Slaughter Houses	2,34,297 12 8		
Workshop and Store Shed	1,49,079 7 1		
Girgaum Police Court (Share of)	34,000 0 0		
Null Bazar Market	1,50,770 1 7		
Fort Market	22,066 7 11		
Arthur Crawford Market	11,39,410 11 6		
		17,29,624 8 9	
44 *Lakhs Sanitary Works Loan*—			
Enlargement of Dhobi Lines at Mahaluxmi	28,499 12 3		
Chawl for Gowlies working at the Agripada Milch-Cattle Stables ...	6,129 13 6		
Health Department Stables at Bori Bunder	43,677 13 3		
Establishment Charges for the above three Works	8,803 2 6		
		87,110 9 6	
10,08,500 *Miscellaneous Works Loan*—			
Market at Colaba	*a* 44,393 15 11		
Extension of Erskine Road Market	*b* 3,99,758 0 0		
Extension of the Arthur Crawford Mutton Market	42,754 2 9		
		4,86,906 2 8	
35 *Lakhs Various Sanitary Works Loan*—			
Health Department Bullock Stables and Quarters for Scavengers ...	1,23,897 4 11		
Bhuleshwar Market Extension	3,22,817 1 11		
Labourers' Quarters in connection with the Arthur Crawford Market.	9,518 14 3		
Foras Road Market	40,499 14 11		
Chawl for Halalkhores in Cursetji Suklaji Street	88,460 8 2		
		5,85,193 12 2	
8 *Lakhs Loan and Special Invested Fund*—			
Municipal Office Buildings		*c* 14,67,386 11 3	
4½ *Lakhs Fire Brigade Loan*—			
Land and Buildings for Fire Brigade		4,03,320 6 1	
13½ *Lakhs Various Sanitary Buildings Loan*—			
Construction of Chawls, &c., for Halalkhors at Valpakhadi (Mazagon).	1,03,623 0 0		
Construction of semi-permanent huts for Biggaries at Arthur Road.	27,000 0 0		
		1,30,623 0 0	
Executed out of Savings on different Loans—			
Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	12,527 2 2		
Constructing Lascars' quarters, &c., at Gowalia Tank Fire Brigade Station	8,983 1 10		
Latrines at Colaba	20,290 13 10		
Constructing new Quarters for an Engineer and 10 Lascars at Sankli Tank Fire Brigade Station	13,537 13 11		
Portion of Cost of Site for the Colaba Market	28,060 0 0		
Currey Road Market	15,252 5 10		
Market at Chowpati	63 0 0		
Health Department Stables in F & G Wards	68,120 8 2		
Market at Elphinstone Road	14,510 7 3		
Construction of a Cook room in connection with the existing Engineer's Quarters and two Nahanis in connection with the Lascars' Quarters at Sankli Tank Fire Brigade Station	1,382 10 3		
Health Department Bigaries' Chawl at Bori Bunder	50,058 0 7		
Constructing a chawl of 52 rooms at the Bandora Slaughter Houses.	31,240 0 8		
Providing Latrines and Urinals at different places	38,780 11 2		
Providing accommodation, &c., for the General Stores	38,253 5 5		
Acquisition of land at Colaba as a Site for Quarters for Halalkhores.	4,268 4 10		
Providing wooden racks in Block No. 2. of the Central Stores Building at Chinchpokli	2,495 5 4		
Market at Kamatipura	17,905 2 3		
		3,65,728 13 6	
A. Buildings and Sanitary structures carried over ...		52,55,893 15 11	

(*a*) Exclusive of Rs. 21,940 paid out of the premia received on the Loan, and Rs. 28,000 paid out of Savings on different Loans.

(*b*) Exclusive of Rs. 31,908-11-11 paid out of the premia received on the Loan.

(*c*) Inclusive of Rs. 7,34,326-8-3 paid out of the Invested Fund.

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—*Buildings and Sanitary Structures.—contd.*		52,55,893 15 11	
Advanced from Surplus Balances—			
Construction of chawls, &c., for Halalkhores at Valpakhadi (Mazagon)	46,713 11 9		
Construction of Semi Permanent Huts for Biggaries at Arthur Road.	1,379 0 10		
Construction of the Sankli Tank Bullock Hospital	21,177 2 1		
Construction of the Stables for the Health Department on the Grant Road Hospital Site	47,334 4 7		
Construction of a Stable for the Bullocks of the Night Branch P.H.D. and an Office, &c.	33,622 7 5		
Construction of additional quarters for Fire Brigade Staff at Byculla Fire Brigade Station	24,661 9 0		
Cost of preparing plans and estimates of the proposed new Municipal Workshops at Foras Road	5,271 13 8		
Construction of 11 urinals on Port Trust grounds near the Docks ...	6,487 3 8		
Construction of an Engine house and foreman's quarters at the Sankli Tank Fire Brigade Station	19,613 3 10		
Renewing the two blocks of the butcher's chawl at the Bandora Slaughter Houses	13,806 0 6		
Construction of shops on the West and South Sites of the Arthur Crawford Markets	194 15 3		
Building a new office in the Sankli Street for the use of the Assessment Department E Ward office and constructing a Ward Office, Chowkidars' Quarters and Store Room for the Streets and Buildings Branch E Ward in Sankli Street	323 4 8		
Acquisition of land and properties at Jail Road, North, for the construction of Stables and Chawls for the Health Department ...	1,89,276 8 0		
Commutation of Government Interest on land acquired by the Municipality at Stable Street, Kamatipura, for the Health Department	1,300 0 0		
Establishment charges for preparing plans and estimates for constructing stables for carts and bullocks in the City	1,078 8 1		
Construction of 25 bathing places in the City...	7,506 9 5		
Preparing plans and estimates for the construction of buildings for Primary Schools...	793 5 4		
Building a new office for the use of F and G Ward offices at Dadar and converting the existing Ward office into a godown and providing latrines for the workmen	4,194 10 2		
		4,24,734 6 3	56,80,628 6 2
B.—*Roads and Bridges—*			
Overbridges	1,97,563 0 1		
Foras Road	1,12,418 14 10		
Nowroji Hill Road...	57,913 3 0		
		3,67,895 1 11	
44 *Lakhs Sanitary Works Loan—*			
Road from Bellasis Road across Old Race Course (including Establishment Charges)		1,41,500 1 2	
10,08,500 *Miscellaneous Works Loan—*			
Cross Road at Mahaluxmi Station from Clerk Road to Haines Road...	19,594 4 8		
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street	70,089 2 0		
		89,683 6 8	
35 *Lakhs Various Sanitary Works Loan—*			
Roads and Streets in Agripada and elsewhere...	15,02,461 2 10		
New Road from Jakeria Bunder Road to Sewree Cemetery	24,217 15 11		
		15,26,679 2 9	
23¼ *Lakhs Loan—*			
Falkland Road Bridge	15,082 9 4		
Wari Bunder Bridge	1,32,652 0 0		
		1,47,734 9 4	
B.—Roads and Bridges, carried over ...		22,73,492 5 10	
		Carried over Rs. ...	56,80,628 6 2

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			56,80,628 6 2
B.—Roads and Bridges, &c.—*contd.*		22,73,492 5 10	
15¾ *Lakhs Loan*—			
Wari Bunder Road	2,85,836 8 7		
Victoria Road Extension	30,895 10 4		
		3,16,732 2 11	
Executed out of Savings on different Loans—			
Providing and fixing new pattern hydrants for watering and Fire Brigade purposes	50,000 0 0		
Diversion of Arthur Road over the masonry culvert	16,266 11 1		
Acquisition of land at different places as sites for new Roads ...	9,715 15 0		
Streets improvements in different places	2,39,995 14 6		
		3,15,978 8 7	
Advanced from Surplus Balances—			
Land for Overbridge at the junction of Fergusson and DeLisle Roads.	17,412 4 7		
Land for Overbridge at Currey Road	7,388 3 10		
Land for Overbridge at Arthur Road over the G. I. P. Railway ...	14,899 10 8		
General purchase of land &c., for various overbridges	861 14 1		
Land at Cavel Street	1,04,586 0 1		
Acquisition of the property of Karimbhoy Jumabhoy at Fergusson Road near the B. B. & C. I. Railway, DeLisle Road Level-crossing.	14,876 14 11		
Acquisition of land at Gola Lane	7,038 7 0		
Do. do. at Hamalwadi	57,154 12 6		
Do. do. at Piru Lane	36,584 5 9		
Do. do. at Goga Street	20,920 13 5		
Do. do. at Maruti Lane	5,433 0 0		
Do. do. at the Junction of Gun Carriage Street and Thomas Street	4,357 0 0		
Do. do. at King Lane	13,439 8 3		
Do. do. at Nishanpada Road	610 15 3		
Do. do. at Modi Street Agiari Lane	2,511 14 9		
Do. do. at Raghunath Dadaji Street	1,741 1 2		
Do. do. at Dadysett Agiari Street	191 12 1		
Street improvement in different places...	6,98,262 11 5		
		10,08,271 5 9	
Met out of the Nesbit Road Bridge Invested Fund—			
Nesbit Road Bridge (Portion of cost)		49,844 8 0	
Met out of the Road Improvement Fund—			
Spent on Special Street Improvements...		19,000 0 0	
			39,83,318 15 1
C—Drainage Works—			
Fort Sewers	78,627 4 8		
Kamatipura Drain	1,91,047 8 10		
Drains in Fanaswadi and Agiary Lane...	1,852 12 3		
Branch Sewers, Bellasis Road	7,108 6 1		
		2,78,635 15 10	
Surface Drainage Works executed out of the 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,000 included in the 44 Lakhs Loan—			
Widening Love Grove Sluices	1,57,326 7 7		
Culverts under the B. B. & C. I. Railway near Bellasis Road ...	1,791 0 8		
Khetwadi Survey	5,599 10 0		
Raising Level of Khetwadi Roads	28,355 0 1		
Surface Drainage works, carried over Rs....	1,93,072 2 4		
C.—Drainage Works, &c., carried over Rs.		2,78,635 15 10	
Carried over Rs....			96,63,947 5 3

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			96,63,947 5 3
C.—Drainage Works, &c.—*contd.*		2,78,635 15 10	
Surface Drainage Works executed out of the 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,000 included in the 44 Lakhs Loan—contd.	1,93,072 2 4		
Raising private compounds in Khetwadi	25,336 2 1		
Three branch drains in Khetwadi and storm-water entrances ...	31,711 15 6		
Intercepting drain in Tardeo District, and storm-water entrances ...	1,69,851 10 4		
Making connection between Low-level sewers and new main drains.	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and Storm-water entrances	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5		
Laying a new 24″ main and removing old 24″ Tulsi main	74,226 14 0		
Constructing storage reservoir on the Flats and raising levels of manholes and sewers	1,86,225 12 6		
Establishment for the above works	1,21,413 0 0		
Contingencies	63,627 6 11		
Cleaning the Worli Storm-water drain and widening the channels south of the Love Grove sluices	79,510 9 7		
		13,22,134 3 3	
Drainage Loan of 1878—			
Main sewers...	4,92,691 8 2		
Pipe sewers...	3,00,746 13 1		
Outfall sewer	2,55,766 10 0		
Kamatipura Drainage	76,471 4 6		
Clerk Road Ovoid sewer	39,259 5 11		
Government Commission charges	5,211 15 9		
Preliminary expenses	13,429 6 5		
Departmental works	1,072 1 3		
Compensation for land	18,831 11 1		
Proportion of repairs to roads (opened for the works)	34,372 14 7		
Miscellaneous charges	22,302 15 7		
Establishment for the above works	1,45,000 0 0		
Contingencies	51,167 7 9		
Repairs to old Main Drain at Falkland Road	2,093 13 5		
		14,58,417 15 6	
44 *Lakhs Loan*—			
House connections without privy fittings	6,32,080 1 7		
Shaft ventilators	44,947 0 6		
Closing Storm-water openings in Frere Road Sewer	17,108 9 6		
Queen's Road intercepting sewer	1,53,969 0 0		
House connection survey	4,561 13 3		
House connections, Kamatipura Drainage	34,977 7 5		
Establishment charges	88,869 0 0		
Pipe sewer from Clare Road along south portion of Haines Road and DeLisle Road	1,14,260 0 7		
Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer ...	65,793 9 11		
Extension of Clerk Road Ovoid sewer to Parel Road	35,569 8 0		
Ovoid sewer across the Old Race Course	59,746 13 2		
Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint	89,401 11 8		
Establishment	36,309 0 0		
		13,77,593 11 8	
7 *Lakhs Sanitary Works Loan*—			
Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer	9,633 10 8		
Fort Drainage	3,68,422 5 9		
Establishment charges	39,419 0 0		
New Works at Love Grove Pumping Station	34,645 9 6		
Construction of a side drain along Wari Bunder Road	4,934 0 1		
Construction of a pipe sewer in certain lanes in Khetwadi	5,282 6 0		
		4,62,337 0 0	
C.—Drainage works, &c., carried over Rs.		48,99,118 14 3	
Carried over Rs....			96,63,947 5 3

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs a. p.	Rs. a. p.
Brought forward ...			96,63,947 5 3
C.—Drainage Works, &c.—*contd.*		48,99,118 14 3	
12 *Lakhs Loan*—			
Queen's Road pipe sewer including contingencies	6,09,998 4 2		
Queen's Road house connections...	2,05,306 0 9		
Establishment and contingencies	86,132 14 3	9,01,437 3 2	
10,08,500 *Miscellaneous Works Loan*—			
Extension of Parel Road Storm-water Drains from Bellasis Road to ⅔rds the length of Ripon Road	41,106 6 9		
9″ Pipe sewer along Bellasis Road, Foras Road and Gilder Street...	17,290 8 1	58,396 14 10	
2,48,000 *Agripada House Sullage Water-connection Loan*—			
House Sullage Water-connections at Agripada	.....	2,33,533 12 10	
35 *Lakhs Various Sanitary Works Loan*—			
Sewer flushing arrangements	.....	13,864 7 3	
23¼ *Lakhs Loan*—			
Pumps and steam engine for the working of the Love Grove Pumping Station	4,63,345 8 6		
Sewerage of Colaba...	7,56,419 0 0		
Sewerage of Umarkhadi District	3,53,786 5 9		
Storm-water drains in Moreland, Souter, Club and Gilder Streets...	79,644 0 2		
Storm-water drains in different places	21,819 11 2		
Storm-water drains in Connaught and Sussex Roads...	35,923 15 9		
Miscellaneous extensions and improvements of drains	33,664 6 1	17,44,602 15 5	
15¾ *Lakhs Loan*—			
Sewerage of the Mazagon District on gravitation system	3,06,680 0 5		
Sewerage of Malabar and Khamballa Hills on gravitation system...	1,31,666 0 1		
Sewerage of Fergusson Road and Chinchpokli District	89,829 8 5		
Raising sewerage in Queen's Road sewer	1,862 0 0		
Sewerage of Old Race Course District on gravitation system ...	39,039 8 1	5,69,077 1 0	
25 *Lakhs Loan*—			
Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts	7,35,520 6 0		
Mazagon district, sectional	3,52,785 4 2		
Storm-water drain from Wellington Fountain *via* Bandstand to the Sea	36,778 4 2	11,25,083 14 4	
19¼ *Lakhs Loan*—			
Improvements in the road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c.	29,856 14 11		
Surface drainage of Kamatipura...	83,440 9 2		
Storm-water drain in Tardeo Road	1,56,542 11 3		
Low-level channel from the Tardeo Flats to Worli Point	11,83,726 0 0	14,53,566 3 4	
24¾ *Lakhs Loan*—			
Sewerage of the Fergusson Road and Chinchpokli District on the sectional system	2,56,782 14 6		
Sewerage of the Parel District on the sectional system	4,66,272 3 7		
Completion of house drainage connections in different parts of the city....	6,06,666 13 1		
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City ...	1,41,739 11 0	14,71,461 10 2	
Second 24¾ *Lakhs Loan*—			
(17) Catchpits on pipe sewers	26,994 14 0		
(7) Catchpits on ovoid sewers	43,165 13 4		
Sewerage of the Malabar Hill District—Sectional	5,90,481 14 4	6,60,642 9 8	
C.—Drainage works, &c., carried over Rs. ...		1,31,30,785 10 3	
Carried over Rs....			96,63,947 5 3

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			96,63,947 5 3
C.—Drainage Works, &c.—*contd.*		1,31,30,785 10 3	
Executed out of savings on different Loans—			
Slab drain 18″ × 18″ in Store Lane, Homji Street	2,557 2 6		
Pipe sewer in Currey Road	2,595 15 5		
Main sewerage of Parel	22,121 7 8		
Arching over with brick masonry the main drain at the Arthur Road Crossing	15,655 0 4		
9″ pipe sewer at Lalwadi...	2,087 8 2		
Laying branch pipe sewers in the village of Parel	17,527 13 11		
Ovoiding side drains to the north of Kalachowki Road	2,600 4 3		
Completing the Storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road	14,460 2 7		
Sewerage of Parel on the gravitation system	62,081 1 5		
Storm-water drain in Cruickshank Road	17,337 6 0		
Laying a 9″ pipe for the carriage of Storm-water to the Sea from the eastern half of Wodehouse Road	1,992 1 3		
Laying a 9″ pipe line at the Parel village	878 7 3		
Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road	10,781 14 10		
Constructing a catch-pit on the Mint Road sewer opposite the European General Hospital	4,880 10 8		
Altering and ovoiding Storm-water drain in Girgaum	11,548 14 10		
Construction of a Storm-water drain in Khetwadi	52,662 2 8		
Draining the Storm-water from the public road round the Mahaluxmi Dhobiwada	1,156 0 3		
Ovoiding and re-grading the open Road side drains in Umarkhadi Road	3,119 0 11		
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters	25,031 4 1		
Tidal flaps on flushing drains for ovoid sewers	2,235 4 4		
Drainage arrangements at Tardeo Road	2,292 0 8		
Laying a 9″ pipe sewer in Fergusson Cross Road	2,261 14 9		
Masonry drain from Girgaum Road and passing through Night-soil Depôt	21,317 6 7		
Opening out the public water-course behind Mr. Cama's property at Parel Road	3,362 6 7		
Laying a 12″ pipe from the emergent reservoir to man-hole in Apollo Street	3,169 7 8		
Storm-water drains in different places	34,904 7 9		
Ovoiding and constructing masonry side drains in different places	17,895 11 11		
Ovoiding and constructing masonry side drains on Carroll Road, north-side	2,711 3 3		
Ovoiding Kutcha drain in Arthur Road as far as G. I. P. Railway Crossing	4,988 15 1		
Constructing Storm-water drains and ovoiding and constructing masonry side drains in different places	20,493 10 8		
Automatic flush tanks on pipe sewers	38,434 0 10		
Improving side drains, Malabar Hill	7,672 13 6		
Storm-water drains at Fergusson Road from DeLisle Road to the Water-course (3,200 feet) west of the Road	29,964 4 9		
Providing and constructing masonry side drain in Malabar Hill	7,346 11 0		
Providing and constructing masonry side drains (*a*) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (*b*) east and west of Ghorupdeo Road	5,239 5 6		
Storm-water drain running on the west of the G. I. P. Railway, Dadar Station	7,023 6 9		
Executed out of savings on Different Loans continued and carried over ... ... Rs.	4,82,387 10 7		
C.—Drainage Works, &c., carried over ... Rs		1,31,30,785 10 3	
Carried over Rs. ...			96,63,947 5 3

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			96,63,947 5 3
C.—Drainage Works, &c.—*contd.*		1,31,30,785 10 3	
Executed out of savings on different Loans—contd.	4,82,387 10 7		
Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl)	21,961 1 5		
Constructing additional quarters for Lascars at Love Grove ...	5,477 9 6		
Cutting out rocky barriers in the channel at Love Grove	116 6 0		
Surface Drainage in Queen's Road between the level crossing and Charni Road	2,807 15 0		
Ovoiding and re-grading the side drain in Imamwada from Parel Road to Jail Road, North	2,089 3 10		
Masonry Storm-water Drain 18″ × 18″ in Apollo Street	1,888 15 9		
Open ovoid drain on the east side of DeLisle Road	1,567 14 10		
Zinc ventshafts on pipe sewers in the Fort Sewerage District ...	11,165 8 9		
Storm-water drain in Sankli Street	11,529 15 8		
Cost of obtaining advice from Mr. Santo Crimp in regard to House Connections, &c.	11,992 9 10		
Construction of permanent man-holes over drains	25,399 13 4		
Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House	7,805 4 2		
Tidal flaps on the ovoid sewers	11,025 14 0		
Construction of a coal shed, a coal tramway, and fence round the compound of the Love Grove Air Compressor Station	11,211 10 9		
6″ Pipe Drain in DeLisle Road	430 10 7		
6″ Pipe Drain in Banganga Cross Lane	824 15 8		
Extension of the 15″ sealed sewage main in Fergusson Road from the Culvert to Worli Road	11,466 8 10		
Laying a 6″ pipe drain in Tulsirampada in Parel Chawl Road	1,051 12 0		
Laying a 6″ pipe drain in the private passage known as Kalachowki Cross Lane	602 14 7		
6″ Pipe Drain in the passage to the north of Parel Cross Lane ...	472 10 3		
Connecting certain properties in Gilder Street with the new storm-water drain constructed thereat	1,496 13 1		
Laying a 9″ stoneware pipe drain in a portion of Foras Road west of Carroll Road	1,365 13 11		
Laying a 6″ pipe drain in the passsage belonging to Sulleman Jusab at Belvedere Hill Road...	647 8 2		
Laying a 6″ pipe drain in Bapty Road...	486 15 2		
Laying a 9″ pipe drain at Tank Bunder Koliwada	2,042 13 3		
Construction of a catch-pit on the Queen's Road ovoid sewer in Charni Road, &c.	6,202 0 4		
Laying a drain at Mr. Tribhowandas Varjivanda. Oart at Girgaum Back Road	254 13 2		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	25,000 0 0		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle	25,000 0 0		
Storm-water drain in Haines Road from Khatao Makanji's Mill to Jacob Circle	35,000 0 0		
Laying a branch 6″ pipe sewer at DeLisle Road	761 3 7		
Laying a 6″ pipe drain at Ghorupdeo Road	404 6 3		
Laying a 9″ pipe sewer along Elphinstone Road at its Junction with Parbhadevi Road	1,112 5 3		
Laying a 9″ pipe drain with Inspection Chamber at the passage running through Chamarbag properties.	3,938 8 10		
Giving Street connections to Storm-water drains in the City ...	5,102 0 2		
Laying a 6″ pipe drain on the Tulsi main Road	1,000 9 1		
Laying a 6″ pipe drain at Ghorupdeo Road, 1st Cross Lane	360 14 10		
Executed out of savings on Different Loans continued and carried over ... ... Rs.	7,33,453 14 5		
C.—Drainage Works, &c., carried over Rs. ...		1,31,30,785 10 3	
Carried over Rs. ...			96,63,947 5 3

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			96,63,947 5 3
C.—Drainage Works, &c.—*contd.*		1,31,30,785 10 3	
Executed out of Savings on different Loans—contd.	7,33,453 14 5		
Constructing a Storm-water Drain at Kalachowki Road	789 2 3		
Laying a 6″ pipe drain along Chamarbag properties in Parel Road...	1,312 9 1		
Laying a pipe sewer between Forjett Street and Tardeo Road ...	2,409 10 2		
Fees to Mr. Midgley Taylor on account of his report on the Ejector, &c., required for Sectional District	1,961 1 4		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts ...	10,338 0 0		
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	658 15 0		
Fees to Messrs. Midgley Taylor and G. R. Strachan for their opinion on matters connected with the surcharging of sewers	16,796 13 4		
Expenses incurred by Mr. James in connection with enquiries in regard to Lierner system, &c.	1,634 3 0		
Construction of a storm-water drain in Church Gate Street from its junction with Mayo Road to the main storm-water drain in Queen's Road near the Church Gate Street	4,033 9 5		
Laying a 6″ pipe sewer in the passage opening to Portuguese Church Road	1 0 0		
Laying a 6″ pipe drain in the passage at Currey Road	1 0 0		
Laying a 6″ pipe drain at Madanpura	346 4 2		
Laying a 9″ pipe drain at Elphinstone Road	16 3 2		
Extension of the 15″ sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on Clerk Road sewer ...	12,408 4 9		
Constructing a storm-water drain in Colaba Causeway between Mayo Road and Thomas Street	8,973 9 11		
Preparation of certain models for improvement of main sewers &c.	200 0 0		
		7,95,334 4 0	
Advanced from Surplus Balances—			
Storm-water drain in Haines Road from Khatao Makanji's Mill to Jacob Circle	13,844 13 3		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle...	1,900 9 11		
Storm-water drain in Arthur Road from its Junction with Kalachowki Road and Jacob Circle	65,453 14 7		
Providing an additional ejector in Furgusson Road near its junction with DeLisle Road	33,812 4 0		
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	1,79,624 5 7		
Preparation of Plans and Estimates and similar other charges for the scheme of the surcharging of sewers	50 8 0		
Colaba Sewerage works	44,836 14 11		
Constructing strom-water drains in Marine Lines from the Northern end of the B. B. and C. I. Railway Office to the junction of 1st Marine Line	13,177 10 10		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	2,086 12 11		
Constructing a storm-water drain in New Parbhadevi Road	65 4 5		
Constructing a storm-water drain in DeLisle Road North of Arthur Road	104 15 1		
Constructing a storm-water drain in Mayo Road from Church Gate Street to Band Stand	43 10 5		
Constructing a storm-water drain in Mayo Road from Queen's Statue to Church Gate Street	20 11		
Constructing a storm-water drain in Colaba Causeway between Ormiston Street and Thomas Street	8,538 5 0		
Extending the existing storm-water drain and constructing water gullies and water cables in Mazagon Road	3,579 0 10		
Measures for relieving the Surcharging of Sewers	7,548 4 9		
Construction of a storm-water drain in DeLisle Road (North) ...	48,373 11 3		
Construction of a storm-water drain in DeLisle Road (South) ...	15,257 13 3		
Construction of two New Drainage Chowkies at Churney Road and Bapty Road	9,675 7 9		
Construction of an office for the Drainage Staff and quarters and an office for the Head Plumber at Babula Tank Site and providing fencing round the Drainage chowkey and metalling the yard ...	130 6 2		
		4,48,125 9 5	
			1,43,74,245 7 8
		Carried over Rs. ...	2 40,38,192 12 11

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,40,38,192 12 11
D.—Water Works—			
Vehar Lake (value of)		45,21,943 7 9	
Tulsi Water Works	37,61,888 6 0		
Vehar Outlet Tower	2,38,111 10 0		
		40,00,000 0 0	
Drainage and Water Works Loan of 1878—			
Service Reservoir at Bhandarwada		10,16,830 13 3	
44 *Lakhs Sanitary Works Loan—*			
Tulsi gathering ground	60,000 0 0		
Malabar Hill Reservoir	4,00,000 0 0		
New hydrants, including cost of erection	20,876 7 1		
Tulsi gathering ground	34,500 0 0		
Construction of a double-storied chawl for the Water Works staff and quarters for the Superintendent...	29,182 3 3		
Survey of new catch-water channels, &c.	7,838 4 1		
Construction of filter beds at Vehar	1,04,433 15 11		
Improvement of the water-supply of the outlying districts	6,82,065 0 8		
Raising the Tulsi dams	1,13,257 9 7		
Providing additional catch-water channels at Vehar and Tulsi ...	91,794 0 6		
Purchase of check meters for the prevention of waste of water ...	1,27,132 14 8		
Enlarging different mains	1,03,130 8 6		
Cost of new water mains from Nesbit Road to Babula Tank... ...	15,000 0 0		
Establishment charges	80,770 0 0		
Portion of excess cost of the Vehar Outlet Tower—debitable to this Loan	23,684 11 9		
Provision of turbine at the Malabar Hill Reservoir	2,282 0 0		
		18,95,947 12 0	
7 *Lakhs Sanitary Works Loan—*			
Malabar Hill Reservoir (extra cost)	1,14,039 2 6		
Increasing and improving the distribution of the water supply and providing higher levels, Tulsi District, with filtered water ...	20,211 8 4		
Portion of excess cost of Vehar Outlet Tower	7,990 10 6		
		1,42,241 5 4	
12 *Lakhs Drainage and Water Works Loan—*			
18″ Main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12″ main from Carnac Road to Mint		80,031 5 0	
10,08,500 *Miscellaneous Works Loan—*			
Concrete trench, waste weir, Vehar Lake	30,608 7 1		
Mains in 14 streets west of Frere Road and other mains in various places	59,275 1 8		
Arthur Road connection works necessitated by the laying of the Tansa 27″ main...	9,542 10 5		
Deacon's meters	16,788 0 0		
		1,16,214 3 2	
35 *Lakhs Various Sanitary Works Loan—*			
Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith.	92,872 9 2		
Pawai Water Works	6,60,479 6 9		
Additional Water Mains	98,386 0 10		
Extension of Tulsi catch-water Channel	20,836 9 1		
		8,72,574 9 10	
147 *Lakhs Tansa Loan—*			
Tansa Water Works including cost of Survey		*1,46,96,383 7 0	
15¾ *Lakhs Loan—*			
Improvements of the outlet towers at Vehar and Tulsi		12,842 13 10	
25 *Lakhs Loan—*			
9″ Main from Ghorupdeo Road, to Jakeria Bunder Road and 6″ Main from thence to Sewri Cemetery Road	21,592 13 2		
New mains in Reay Road, &c.	1,042 5 0		
Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir	1,26,744 4 1		
9″ Service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12″ main and supplemented midway by a 9″ service main down Connaught Road.	40,871 8 3		
		1,90,250 14 6	
D.—Water Works, &c., carried over ...		2,75,45,260 11 8	
		Carried over Rs. ...	2,40,38,192 12 11

* Exclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,40,38,192 12 11
D.—Water Works, &c.—*contd.*		2,75,45,260 11 8	
23¼ *Lakhs Loan*—			
Extension of water mains in various places	28,026 6 5		
Further alterations and improvements at the Malabar Hill Reservoir.	29,971 14 8		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	91,052 13 0		
Road from Vehar to Tulsi with a light tramway to carry pipes ...	471 3 6		
		1,49,522 5 7	
12¾ *Lakhs Water Works Loan*—			
Construction of additional filters at the Malabar Hill Reservoir ...	2,45,327 13 7		
Water mains in connection with the Improvement Trust Schemes—			
9″ and 4″ mains in the new roads in the Agripada District	38,992 11 6		
4″ main in New Street near Lohar Chawl	2,531 10 0		
Mains in the 1st Nagpada Scheme	6,731 6 1		
4″ main along Wodehouse Road	2,426 2 11		
Removing and relaying the 32″ vehar main, South of Coorla ...	† 1,45,094 1 8		
4″ main in Sankli Street	1,140 11 7		
4″ main in Connaught Road Estate	1,666 9 8		
		4,43,911 3 0	
24¾ *Lakhs Loan*—			
Mains from 48″ Tansa Main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill	2,10,000 0 0		
32″ out-let mains from Malabar Hill to Chowpati	475 11 11		
		2,10,475 11 11	
Executed out of savings on different Loans—			
15″ water main from 24″ main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9″ main to the Century Mill	49,452 0 2		
New mains in various places	28,803 1 1		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	44,597 14 4		
Excess cost of Worli Road main	21,696 4 1		
Residence of the Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 sluicemen	32,028 1 3		
24″ and 27″ mains from Malabar Hill Reservoir to Frere Fountain, Fort	50,093 1 2		
Connections at Chinchpokli between Tansa and Vehar Mains ...	7,402 1 4		
Laying water mains in Wellington Lines	4,397 9 5		
Renewing 3″ main in B Ward with 4″ pipes—extra cost chargeable to Capital	4,533 3 4		
Replacing 32″ Vehar pipes for 1½ miles by 48″ steel pipes ...	2,051 6 9		
9″ main in DeLisle Road	9,849 6 1		
4″ main in Khara Talao Road	2,774 11 7		
Providing the trunk Water Mains with Venturi water meters ...	23,000 0 0		
Laying water mains in B Ward	1,116 14 11		
Extending the existing 9″ main in the Agripada District along Gilder Street to join the existing 32″ main in Grant Road ...	9,268 7 9		
Extending the existing 9″ main in DeLisle Road, to join with 15″ main in Elphinstone Road	8,983 12 0		
Travelling expenses to an Inspector and a laskar for taking Survey &c., in connection with the storage reservoir and filter beds at Ghat Kooper	35 0 6		
		3,00,082 15 9	
Advanced from Surplus Balances—			
Laying a 9″ main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joind to the 6″ Main already laid in Albert Road	4,386 1 1		
Laying a 6″ main in New Mathew Road	43 6 8		
Laying water mains on the Colaba Reclamation	33,914 9 9		
Laying new water mains and fixing hydrants in the Roads (City Improvement Scheme No. IV)...	21,127 4 7		
Providing the trunk water mains with Venturi water meters ...	1,346 5 8		
Mains from 48″ Tansa Main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill	36,753 11 6		
		97,571 7 3	
D.—Water Works, &c.—Carried over ...		2,87,46,824 7 2	
Carried over ...			2,40,38,192 12 11

† Exclusive of Rs. 3,74,000 paid from the contribution received from the G. I. P. Railway Co.

Appendix No. 10-A—*concluded.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,40,38,192 12 11
D.—Water Works, &c.—*contd.*		2,87,46,824 7 2	
Paid out of the Worn-out Water Mains Renewal Fund—			
Laying a 9″ main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joined to the 6″ main already laid in Albert Road.	2,110 0 0		
Laying a 6″ main in Matarpakhadi and a 12″ main along Mazagon Road from Nesbit Lane to Mount Road	3,373 5 11		
Cost of renewing 3″ main in Worli Road with 9″ pipes (chargeable to revenue)	26,517 3 9		
Replacing 3″ main in Zaoba's Oart by a 4″ one	672 7 6		
Mains in the 1st Nagpada Scheme	1,645 6 0		
Replacing the 5″ main in Janjiker Street and 3″ and 4″ main in Old Hanuman Lane by a 6″ main	4,359 1 2		
4″ main in New Street near Lohar Chawl	2,168 15 11		
Replacing 3″ main in Foras Road by a 6″ main	3,427 0 0		
Replacing the 3″ main in Chunam Kiln Road by a 5″ main ...	998 14 10		
		45,272 7 1	
E.—*Cemeteries (Burning and Burial Grounds)*—			2,87,92,096 14 3
15¾ *Lakhs Loan*—			
Burial ground for Mahomedans and Beni-Israels		2,11,652 4 5	
19¼ *Lakhs Loan*—			
Purchase of two sites of land for burning and burial grounds at Mahim, and Worli including cost of enclosure walls, &c.		46,557 6 10	
25 *Lakhs Loan*—			
Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans...	1,17,046 0 6		
Purchase of land in Narielwady for future extension of burial ground for Mahomedans...	1,60,577 5 10		
Extension of burial ground at the Sewri Cemetery	71,640 9 8		
		3,49,264 0 0	
Advanced from Surplus Balances—			
Providing a burial ground at Haines Road for the Portuguese Community	18,165 10 6		
Providing a burial ground for Mahomedans in F and G Wards, Antop Hill Matunga	3,884 4 0		
		22,049 14 6	
F.—*Disposal of Town Sweepings*—			6,29,523 9 9
35 *Lakhs Loan*—			
Purchase of land on the Flats required for the disposal of town sweepings		1,98,913 8 8	
23¼ *Lakhs Loan*—			
Purchase of land on the Flats for the deposit of kutchra ...		5,890 14 1	
25 *Lakhs Loan*—			
Disposal of town sweepings at Deonar		7,84,000 0 0	
19¼ *Lakhs Loan*—			
Extra cost of the scheme for the disposal of town sweepings at Deonar		43,322 12 8	
Executed out of savings on different Loans—			
20 additional wagons for the disposal of town sweepings		19,644 8 0	
G.—*Miscellaneous*—			10,51,771 11 5
19¼ *Lakhs Loan*—			
Purchase of land for the site of the Petit Hall and other charges in connection therewith		1,785 13 10	
Executed out of savings on different Loans—			
Filling in Matarpakhadi Tank at Mount Road	2,607 5 8		
Filling in Gilder Tank	15,488 9 4		
		18,095 15 0	
Advanced from surplus Balances—			
Filling in the portion of old water course situated at the north corner of the Foras Tank and west of Purbhadevi Night-soil Depôt in DeLisle Road	3,506 5 7		
Filling in the Babula Tank with debris	42,674 15 6		
		46,181 5 1	
			66,063 1 11
		Total Rs. ...	5,45,77,648 2 3

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 10-B.

STATEMENT showing the Invested Balances on 31st March 1909 as compared with those at 31st March 1908.

	On 31st March 1908.	On 31st March 1909.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—SURPLUS FUNDS INVESTMENTS ...	28,05,700 4 11	16,26,046 6 11	.....	11,79,653 14 0
Loan Fund Balances	10,57,513 1 10	7,23,372 1 0	.....	3,34,141 0 10
Rs. ...	38,63,213 6 9	23,49,418 7 11	.....	15,13,794 14 10
B.—SINKING FUND—				
5 per cent. Municipal Loans ...	42,25,170 7 7	46,24,532 1 7	3,99,361 10 0	.....
4 Do. do. 3½ c/° basis.	32,54,070 2 5	36,52,567 9 0	3,98,497 6 7	.....
4 Do. do. 3 c/° basis.	.....	67,458 14 9	67,458 14 9	.....
3½ Do. do. ...	1,69,216 8 6	1,86,627 5 10	17,410 13 4	.....
Rs. ...	76,48,457 2 6	85,31,185 15 2	8,82,728 12 8	.....
C.—SPECIAL FUND—				
Municipal Buildings Fire Insurance Fund	1,05,648 1 10	1,15,137 8 2	9,489 6 4	.....
Worn-out Water Mains Renewal Fund	5,60,327 0 11	5,77,155 10 11	16,828 10 0	.....
Net Premia Fund	58,747 1 6	37,577 0 6	.....	21,170 1 0
School Building Fund	71,867 4 5	.....	.....	71,867 4 5
Rs. ...	7,96,589 8 8	7,29,870 3 7	26,318 0 4	93,037 5 5
Rs. ...	1,23,08,260 1 11	1,16,10,474 10 8	9,09,046 13 0	16,06,832 4 3
Contractors, &c., Deposits in Government and other Securities	2,93,000 0 0	2,98,400 0 0	5,400 0 0	.....
TOTAL Rs. ...	1,26,01,260 1 11	1,19,08,874 10 8	9,14,446 13 0	16,06,832 4 3

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No.
WATER WORKS

INCOME FOR 1908-1909.

INCOME.	Amount. Rs. a. p.	Total. Rs. a. p.	GRAND TOTAL. Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue, *vide* details in Appendix No. 13 (*vide* page 92)			20,04,188 12 1
Interest on the Worn-out Water Mains Renewal Fund Investment (*vide* page 96)		24,149 9 4	
Do. Net Premia Fund Investment Water Works portion (*vide* page 96)		11,983 1 8	
Interest on the 5 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	93,129 0 0		
Interest on the 4 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	44,977 0 0		
Interest on the 3½ per cent. Municipal Loans Sinking Fund Investments—Water Works portion	188 0 0	* 1,38,294 0 0	
			1,74,426 11 0
Total Rs. ...			21,78,615 7 1

* *Vide* note at page 97.

W. E. WAITE,
Chief Accountant.

11.

ACCOUNT.

EXPENDITURE FOR 1908-1909.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of) (*vide* page 93)	33,880 12 3			
Assessment and Collection Charges (proportion of) (*vide* page 93).	60,235 7 10			
Engineer's Establishment (proportion of) (*vide* page 93)	11,617 8 1			
	1,05,733 12 2			
Maintenance of Water Works (*vide* page 95)	3,05,746 11 8			
New Works (*vide* page 97)	13,445 13 1			
Investments—		4,24,926 4 11		
Interest realized on the Worn-out Water Mains Renewal Fund (*vide* page 105).	24,149 9 4			
Interest realized on the Net Premia Fund—Water Works portion (*vide* page 105).	11,983 1 8			
Interest realized on the 5 per cent., 4 per cent., and 3½ per cent. Loans Sinking Fund—Water Works portion (*vide* page 103).	1,38,294 0 0			
		1,74,426 11 0		
Interest on Water Works Loans (Debt)—			5,99,352 15 11	
Due to Government—Vehar Debt		94,512 3 5		
Due to the Public—				
Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	24,211 3 4			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,682 9 1			
Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,519 7 2			
Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,250 0 0			
Tansa Water Works Loan of Rs. 147 lakhs	7,41,187 8 0			
Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,750 0 0			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,000 0 0			
Water Works portion of the 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)	1,14,390 7 8			
Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	9,820 0 0			
Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000)	1,050 0 0			
Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)	9,251 14 1			
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000)	10,920 0 0			
12¾ Lakhs Loan for certain Water Works (Rs. 12,75,000) ...	50,300 0 0			
		11,08,333 1 4		
Commission to Bank of Bombay for payment of interest on the Water Works portion of the different Loans	4,611 12 11	12,02,845 4 9	(*a*)	
Miscellaneous Loan Charges, including Commission paid to the Bank of Bombay for drawing interest on Sinking Fund Investments	208 4 7	(*a*)4,820 1 6		
			12,07,665 6 3	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans :—				
Vehar Debt		19,463 12 7		
Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878		34,149 15 4		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)		18,070 0 0		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)		2,222 0 0		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000) ...		894 0 0		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000).		1,598 0 0		
Tansa Water Works Loan of Rs. 147 Lakhs		66,040 0 0		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000).		11,319 0 0		
Do. do. 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)...		54,933 0 0		
Do. do. 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)		2,900 0 0		
Do. do. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000)		334 0 0		
Do. do. 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)...		2,733 0 0		
Do. do. 24¾ Lakhs Loan (Rs. 2,73,000).		3,230 0 0		
Do. do. 12¾ Lakhs Loan		24,698 0 0	(*b*) 2,42,584 11 11	
Balance—Income in Excess of Expenditure				20,49,603 2 1 1,29,012 5 0
TOTAL Rs. ...				21,78,615 7 1

(*a*) *Vide* page 101. (*b*) *Vide* page 103.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Debt due to Government—			
Government of Bombay on account of Vehar Debt (see page 60)		23,52,438 13 3	
Debt due to the Public—			
Portion of 10 lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	4,50,075 0 7		
Water Works portion of the 44 lakhs Sanitary Works Loan...	16,13,651 4 7		
Water Works portion of the 7 lakhs Sanitary Works Loan	1,90,389 0 0		
Water Works portion of the 12 lakhs Drainage and Water Works Loan	85,000 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,000 0 0		
Water Works portion of the 35 lakhs Various Sanitary Works Loan...	9,20,000 0 0		
Tansa Water Works Loan of 147 lakhs	1,47,00,000 0 0		
Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan	28,59,762 0 0		
Water Works portion of the 23¼ lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15¾ lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	30,000 0 0		
Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works	2,31,297 0 0		
Water Works portion of the 24¾ lakhs Loan for certain Sewerage and Water Works	2,73,000 0 0		
12¾ Lakhs Loan for certain Water Works...	12,75,000 0 0	2,30,08,674 5 2	2,53,61,113 2 5
Balance—Assets in Excess of Liabilities ...			81,87,425 8 8
TOTAL Rs. ...			3,35,48,538 11 1

W. E. WAITE,
Chief Accountant.

No. 12.
ACCOUNT.
ASSETS AT 31st MARCH 1909.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Properties—			
Water Works executed out of Loan and Reserve Funds as detailed at pages 84 to 86 (*vide* Appendix No. 10-A).			(a) 2,87,92,096 14 3
II. Investments—			
1. Bank of Bombay, Municipal Loans Sinking Fund Deposit Accounts—			
Rs. a. p.			
5 per cent. Loans 21,26,401 0 0			
4 „ „ 12,52,963 0 0			
3½ „ „ 5,599 0 0	(b) 33,84,963 0 0		
2. Bank of Bombay Worn-out Water Mains Renewal Fund Deposit Account (*vide* page 75)	5,77,155 10 11		
3. Bank of Bombay Net Premia on different Municipal Loans Deposit Account (*vide* page 75)	37,577 0 6		
		39,99,695 11 5	
4. Loan Funds Investments Deposits (*vide* page 73) ...	7,23,372 1 0		
Add—Value of properties other than Water Works executed out of Loan Funds Advances	33,374 0 5		
		7,56,746 1 5	
			47,56,441 12 10
		TOTAL Rs. ...	3,35,48,538 11 1

(a) Exclusive of charges met out of the contribution from the G.I.P. Railway Company for removing and relaying 32" Vehar Main at Coorla. When this work is completed and the difference between the value of the old and new work is ascertained, necessary adjustment for treating the item as "Assets" will be made.

(b) *Vide* page 73.

	Rs. a. p.
Balance on 1st April 1908	58,747 1 6
Add—Proportionate amount of interest and extra realization on Sinking Funds realized in 1908-09.	11,983 1 8
	70,730 3 2
Add—Proportionate amount transferred to the Fund on account of Discount earned on the investments of different Sinking Fund	6,573 0 3
Balance Rs. ...	77,303 3 5
Less—Amount withdrawn to meet the discount on the new loan raised during the year and stamp, &c., charges incidental thereto	39,726 2 11
Balance on 31st March 1909	37,577 0 6

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (in Bank and Office Treasuries) on 1st April 1908				2,05,723 4 3
GENERAL TAX—				
From the Public		29,61,732 3 11		
„ Government of Bombay		1,16,638 0 0		
„ Port Trust		2,16,501 0 0		
			32,94,871 3 11	
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector (Private Conveyances)	2,16,822 3 5			
Through the Chief Accountant (Public Land Conveyances)	2,40,468 5 4			
		4,57,290 8 9		
TOLLS—(Through Contractor)		22,566 10 8		
			4,79,857 3 5	
TOWN DUTIES (Gross Collections)		27,19,419 8 5		
Less—Refunds		14,23,100 1 0		
			12,96,319 7 5	
LICENSES—				
(a) Taxes on Trades and Professions...		88,803 8 0		
(b) Land Conveyance, Music, &c., Licenses (issued by the Commissioner of Police)—				
(1) Land Conveyance Licenses, &c. ...	18,029 7 0			
(2) Motor Car Licenses	1,920 0 0			
(3) Music Licenses	10,525 0 0			
		30,474 7 0		
			1,19,277 15 0	
LIQUOR LICENSES—Receipts from Government ...			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs) ...			2,78,890 6 0	
HALALKHOR TAX—				
On value		9,38,724 7 7		
For special services		1,80,497 11 4		
			11,19,222 2 11	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
Water Tax through Assessor and Collector—				
On value ... ... Rs. 8,75,422 12 7				
On meter measurement. „ 10,55,848 13 0				
Compounded Tax ... „ 10,429 6 0				
	19,41,700 15 7			
Water supplied to Municipal Departments ...	63 10 0			
Water charges recovered through Water Engineer	14,386 4 0			
	19,56,150 13 7			
Rent of Water Meters	33,195 14 1			
Miscellaneous...	12,209 8 5			
		20,01,556 4 1		
Sale-proceeds of and produce of lands		1,329 8 0		
Rent of land and buildings		1,303 0 0		
			20,04,188 12 1	
MARKET RECEIPTS—				
Stall rents	1,59,632 0 6			
Squatters' fees	42,268 12 9			
Fair Ground and Feeding Fees from Contractors...	76,000 0 0			
Miscellaneous...	25,692 8 0			
		3,03,583 5 3		
Slaughter fees...		1,70,023 3 0		
Rent of land and buildings		1,876 5 5		
Sale-proceeds of and produce of land		5 0 0		
			4,75,497 13 8	
Carried over Rs. ...			92,11,875 0 5	2,05,723 4 3

No. 13.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
Standing Committee and Corporation Establishment.		68,146 0 2		
Municipal Commissioner's Personal Office Establishment		65,839 6 1		
General Office Establishment		62,225 3 7		
Accounts and Expenditure Audit Establishment ...		74,835 7 11		
			* 2,71,046 1 9	
ASSESSMENT AND COLLECTION DEPARTMENT—				
Property and Wheel Tax Establishment		†2,00,784 15 5		
Town Duty Collection		89,740 11 7		
Licensing Establishment		41,089 15 9		
Revenue and Refund Audit Establishment		‡41,481 8 2		
		3,73,097 2 11		
TOLLS COLLECTION—				
Establishment and other charges		587 5 7		
			3,73,684 8 6	
FIRE BRIGADE		1,45,957 7 2		
Add—Interest on the Fire Brigade Loan of 4½ lakhs —Transferred from Interest on Loans, page 101...		17,080 0 0		
			(*a*) 1,63,037 7 2	
MAINTENANCE OF PUBLIC GARDENS—				
(*a*) VICTORIA GARDENS—				
Maintenance		88,151 1 0		
(*b*) ELPHINSTONE CIRCLE GARDEN		1,633 15 0		
(*c*) FALKLAND ROAD GARDEN		200 1 9		
(*d*) NORTHBROOK GARDEN		1,092 5 11		
(*e*) SIR COWASJEE JEHANGIR GARDEN		332 5 5		
(*f*) BAZAAR GATE GARDEN		581 6 3		
(*g*) DICK'S TANK GARDEN		212 7 4		
(*h*) MALABAR HILL GARDEN		701 1 5		
			92,904 12 1	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION and MISCELLANEOUS DUTIES		§69,705 0 9		
II. MECHANICAL BRANCH—				
For *A*—Workshops—see page 103.				
„ *B*—Maintenance of Compressor Station, Colaba (Shone System)	30,434 10 9			
„ *C*—Maintenance of Love Grove Pumping Station	1,20,542 11 11			
„ *D*—Maintenance of Air Compressor Station at Love Grove (Shone System) ...	83,529 15 11			
„ *E*—Maintenance of Storm Water Sluices ...	1,935 10 11			
		2,36,443 1 6		
III. SANITARY—Disposal of Town Sweepings ...		1,22,274 11 6		
IV.—DRAINAGE—				
A. Miscellaneous Drainage	2,35,795 15 9			
B. Maintenance of Sluices	2,821 15 0			
		2,38,617 14 9		
Public Works (Engr.'s Dept.) *contd.* and carried over Rs.		6,67,040 12 6		
Carried over Rs. ...			9,00,672 13 6	

* Of this, Rs. 33,880-12-3 are charged to Water Works Account.

† Do. Rs. 60,235-7-10 do. do. do.

‡ Includes Rs. 25,587-13-1 on account of Town Duty Refund Establishment.

(*a*) Or Rs. 1,71,607-7-2 includes the Sinking Fund Instalmen of Rs. 8,570 included in the Sinking Fund payments aggregating Rs. 8,82,728-12-8 shown at page 103.

§ Of this Rs. 11,617-8-1 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			92,11,875 0 5	2,05,723 4 3
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale-proceeds of Plants, Flowers, &c.		8,077 6 7		
Rent of Chawls from Malees, &c.		120 0 0		
Fees from Elephant rides		930 5 0		
Rebate towards the cost of the Maintenance of the Museum Garden		600 0 0		
			9,727 11 7	
TRAMWAY RENT			54,334 7 7	
MISCELLANEOUS FINES AND PENALTIES ...			11,237 1 7	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	1,79,971 7 0			
Miscellaneous	3,304 3 6			
		1,83,275 10 6		
On account of Health Department—				
Rent of Chawls, Reclamation Ground, Milch Cattle Stables and Dhobiwada	66,610 10 3			
Sale-proceeds of land and produce of land ...	18,453 5 7			
Sale of Bones, Manure and Cowdung Cakes, &c....	2,281 0 0			
Cleaning Drains	3,230 10 7			
Miscellaneous	764 3 8			
		91,339 14 1		
On account of Engineer's Department—				
Cleveland Bunder Fees ... Rs. 2,104 13 0				
Ground-rent for Telephone Lines „ Dr. 9 5 4				
Other Ground-rent ... ... „ 12,248 11 5				
	14,344 3 1			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	12,419 0 0			
Miscellaneous	9,165 15 7			
		35,929 2 8		
Miscellaneous—				
Rent of Quarters belonging to the Corporation and occupied by the Police Dept.	Dr. 14,220 1 0			
Do. do. by the Fire Brigade.	3,600 0 0			
		Dr. 10,620 1 0		
Sundries		7,854 9 4		
			3,07,779 3 7	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee, Notice, &c., Fees		5,622 10 0		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.	18,888 14 3			
Opening Roads	3,754 0 0			
Scaffoldings	10,981 9 3			
Occupying Public Roads	2,928 8 0			
Sundries	385 0 0			
		36,937 15 6		
Through Health Officer—				
Digging Graves	3,750 10 0			
Removing Dead Animals	7,137 0 0			
Skinning Dead Animals	65,800 0 0			
Supplying copies of Office Records, &c.	1,036 0 0			
Municipal Laboratory Fees	1,997 0 0			
		79,720 10 0		
Miscellaneous—				
Supplying copies of Office Records, &c., of different Municipal Departments		200 4 0		
			1,22,481 7 6	
Carried over Rs. ...			97,17,435 0 3	2,05,723 4 3

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909—*contd.*

	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.
MUNICIPAL FUND—*cond.* and brought forward Rs...			9,00,672 13 6	
PUBLIC WORKS (Engineer's Department)—*contd.* and brought forward ... ... Rs.		6,67,040 12 6		
V.—WATER WORKS—				
A. Ordinary Branch	2,74,104 11 8			
B. Special Branch	31,642 0 0			
VI.—STREETS AND BUILDINGS—		* 3,05,746 11 8		
A. Inspection and Supervision	1,31,314 12 3			
B. Public Lighting	3,35,730 9 2			
C. Road Watering	94,504 13 0			
C. I. Oiling and Tarring Roads (experimental)...	26,296 0 5			
D. Roads, footpaths, &c.	5,25,898 0 10			
E. Improvement of Streets	1,07,713 0 11			
F. Miscellaneous— Compensation to Municipal staff employed on extricating bodies of persons overwhelmed in the debris of fallen buildings, &c.	722 12 5			
VII.—Cleaning, Lighting and Repairing Port Trust Wharves Roads		12,22,180 1 0		
		40,183 0 0		
NEW WORKS—			22,35,150 9 2	
DRAINAGE—				
Miscellaneous Drainage Works	13,141 5 3			
Providing water tables and building three half-size water entrances in Nakhoda Street ...	381 11 8			
Filling in an open drain and building a slab covered drain in Khetwady 2nd Lane	463 1 11			
Connecting Road-watering stand posts and tanks with the Municipal Sewer	2,716 0 9			
Disconnecting stand pipes for drinking purposes from storm-water drains and connecting them to Municipal Sewers	449 11 0			
Building a slab covered drain with two water entrances on Esplanade Road	403 12 0			
Providing a slab covered drain with two water entrances at Chowpatti Road	190 10 11			
Diverting an open road side drain in Muzavarpakhady	1,689 11 8			
Constructing relieving arches in the Falkland Road storm-water drain...	5,125 10 10			
Filling in the cutcha side drain and providing water tables and two half-size gullies at Belvedere Road	365 8 8			
Constructing a chowky for sluicemen at the junction of Carnac Road and Frere Road ...	526 2 3			
Paving and making surface drainage connections to connect watering posts and water tanks to Municipal sewers	824 2 8			
Providing quarters for the sluicemen at the New Worli sluices	3,119 14 5			
Constructing a storm-water drain in Chunam Kiln Road	5,913 0 9			
Constructing channels for draining the leakage along the lower portion of the eastern slopes of the Malabar Hill	2,840 5 7			
Reconstructing and avoiding roadside masonry drains in Sewri Cross Road	2,696 15 3			
Drainage works necessitated in consequence of enforcement of set-backs	1 0 0			
Constructing a slab covered drain and filling in the open side drains in Dady Shet Agairy Lane from Girgaum Road to Fanaswady	820 13 9			
Removing 22 old type C. I. water gullies and providing new type ones in their stead at Frere Road	Cr. 120 15 5			
Renewing the old type water gullies in Apollo Street	402 8 0			
		41,951 3 11		
MECHANICAL BRANCH—				
Extension of post and rail fence round the condensing tank at Love Grove Station	823 13 6			
Renewing the incomplete portion of fence round the 2nd Engineer's quarter at Love Grove ...	705 8 3			
		1,529 5 9		
New Works—*continued* and carried over... Rs.		43,480 9 8		
Carried over Rs....			31,35,823 6 8	

* Chargeable to Water Works account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			97,17,435 0 3	2,05,723 4 3
MISCELLANEOUS SAVINGS			10,504 4 3	
CONTRIBUTION from Municipal Servants towards Pension, &c., Fund			25,660 9 3	
INTEREST on Investments of Surplus Loan and other Balances			1,32,376 7 4	
PROFIT on Municipal Workshops			10,274 2 10	
SALE-PROCEEDS of Unserviceable Tools, Plant, &c...			3,339 3 5	
ACTUAL Profit on sale of Stores to Contractors ...			1,207 8 7	
INTEREST on the 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments		* 3,42,407 12 8		
INTEREST on Municipal Buildings Fire Insurance Fund Investments	4,489 6 4			
INTEREST on the Investments of the Net Premia Fund ... ... Rs. 3,236 13 8				
Extra realizations of interest on Sinking Funds Investments transferred to the Net Premia Fund ... ... „ 8,746 4 0	† 11,983 1 8			
INTEREST on the School Building Fund Investments	2,220 11 4			
INTEREST on the Worn-out Water Mains Renewal Fund Investments	24,149 9 4	42,842 12 8	3,85,250 9 4	
				1,02,86,047 13 3
Carried over...Rs.				1,04,91,771 1 6

* Includes Rs. 1,38,294 received on the Water Works portion of the Sinking Fund.
† This belongs to the Water Works Account.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			31,35,823 6 8	
NEW WORKS—*continued* and brought forward Rs.		43,480 9 8		
WATER WORKS—				
Providing 8 public water troughs in different parts of the City	2,169 7 8			
Constructing an additional cattle trough at the junction of Fergusson, Haines and Worli Roads.	266 12 3			
Replacing 3" main in Foras Road by a 6" main...	2,231 0 8			
Replacing 5" main in Janjikar Street and 3" and 4" mains in Old Hanuman Lane by a 6" main..	39 5 1			
Laying a new 5" main in Chamarbag Road ...	89 8 9			
Laying additional water mains in Apollo Reclamation	4,082 11 7			
Laying a new 6" main in Matarpakadi and laying a new 12" main along Mazagon Road from Nesbit Lane to Mount Road	3,486 10 1			
Providing storage tanks, &c., for the purpose of improving the water supply to certain fountains.	1,080 5 0			
		* 13,445 13 1		
STREETS AND BUILDINGS—				
Construction of a latrine of two seats of the D Ward Streets and Buildings Office	438 7 8			
Construction of a Kutcha foot path of Elphinstone Road in front of chawl No. 919	1,185 3 7			
Providing a 10 feet blue stone foot path along a portion of Mayo Road	4,855 8 10			
Widening and remodelling the Road at Muzarwarpakhady, Mazagon...	2,614 5 1			
Adding to the road a plot of land between the Crescent site and Elphinstone College	818 1 5			
Alterations to the Flora Fountain	1,636 9 4			
Raising the floor of a chowkey at the F Ward Office at Dadar	534 2 9			
Providing seven street refuges in different parts of the City	2,376 8 8			
		14,458 15 4		
SANITARY AND OTHER MISCELLANEOUS WORKS—				
Paving cab stands	5,880 9 2			
Carrying out certain alterations at the Bombay Electric Supply and Tramway Company's Stable at the junction of Falkland Road and Foras Road now in possession of the Municipality for providing temporary accommodations to the Health Department bullocks	91 4 3			
Paving dust-bin carts stands	3,994 9 10			
Constructing two seated urinal at Memonwada Street	617 2 11			
Constructing two seated urinal at Cavel Street ...	21 13 10			
Extending Sewri Cemetery	6,587 0 10			
Acquisition of three plots of land required for the location of dust-bin Carts...	4,692 0 2			
Putting up a circular six seated urinal at the corner of Grant and Upper Duncan Road ...	0 8 0			
Constructing a boundary wall at Haines Road Cemetery	3,904 15 2			
Providing masonry tanks at the different night soil Depôt for the water supply thereat ...	1,119 0 0			
Providing water tank, &c., paved space for drinking and washing purposes at the Null Bazar Stable	356 4 1			
Construction of ten seated latrines at Sewree Cross Road	733 14 0			
Construction of certain latrines and urinals at Babulnath Temple...	80 4 6			
Constructing the Bhoiwada latrines and providing flushing arrangements to the centre channel in Bhoiwada Village, Parel	542 15 1			
Constructing a boundary wall between the Chandanwadi Night-Soil Depot and the Trust Chawls	275 12 6			
Sanitary and other Miscellaneous Works—*continued* and carried over Rs.	28,898 2 4			
NEW WORKS—*contd.* and carried over Rs....		71,385 6 1		
Carried over Rs. ...			31,35,823 6 8	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs				1,04,91,771 1 6
Carried over...Rs.				1,04,91,771 1 6

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			31,35,823 6 8	
NEW WORKS—*continued* and brought forward... Rs.		71,385 6 1		
Sanitary and other Miscellaneous Works—*contd.* and brought forward ... ... Rs.	28,898 2 4			
Constructing hundred huts of corrugated iron sheet roof with bamboo mat walling for the accommodation of Halalcores of the F and G Wards	7,710 15 7			
Rendering the additional plot of ground allotted to the Khoja Shia Isna Ashari Jamat fit for burial purposes	9,544 11 6			
		46,153 13 5		
MARKETS—				
Constructing a temporary market at Parbhadavi Road	5,095 15 4			
Removing the existing birds' shops in the Arthur Crawford Market and reconstructing them on the opposite side	36 10 9			
Replacing wooden seats for fishermen by masonry stalls in Fergusson Road Market	559 15 9			
Acquisition of a plot of land and stall at the Fort Market	500 0 0			
		6,192 9 10		
SANITARY—DISPOSAL OF TOWN SWEEPINGS—				
Construction of a road to the reclaimed land at Deonar	2,519 13 5			
Constructing a clay bank for the Railway siding on Deonar Reclamation areas	3,020 2 2			
		5,539 15 7		
GENERAL STORES—				
Removing the shed from Foras Road and reconstructing the same at the Chichpokli Central Stores	2,468 14 8			
Providing and fixing fire extinguishing fittings to the Central Stores Building	276 14 0			
Constructing a roof and providing blue stone pavement between the two existing store godowns at Chinchpokli Stores	867 10 9			
Providing an iron fence at the north and south ends of the new shed at the Central Stores and to provide fan lights to the roof...	1,351 5 9			
		4,964 13 2		
MUNICIPAL WORKSHOPS—				
Renewing the roof of the Workshops Buildings.		8,210 14 7		
GENERAL SUPERINTENDENCE—				
GENERAL OFFICE ESTABLISHMENT—				
Cost of providing and fixing an electric lift in the Municipal Office in place of the existing hydraulic lift and an electric fire service pump in place of the existing steam pump		13,446 10 6		
ASSESSMENT AND COLLECTION DEPARTMENT—				
Adding a storey over the existing D Ward Office, Streets and Buildings Branch for the use of the Assessment D Ward Office at Gamdevi ...	440 3 11			
Making alterations in the west corridor of the Assessor and Collector's Office	967 8 0			
Construction of a latrine of two seats at the D Ward Assessment and Collection Department.	438 7 7			
		1,846 3 6		
FIRE BRIGADE—				
Providing weather frames to lascars' quarters at the Chinchpokli Fire Brigade Station ...		321 9 8		
PUBLIC HEALTH DEPARTMENT—				1,58,062 0 4
Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay		136 13 11		
I. General Supervision		1,24,991 12 8		
II. Conservancy Branch—				
Veterinary Establishment	7,540 9 6			
Other Conservancy Charges	19,16,016 10 8			
		19,23,557 4 2		
Public Health Department—*contd.* and carried over Rs.		20,48,685 14 9		
Carried over Rs. ...			32,93,885 7 0	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.				1,04,91,771 1 6
Carried over Rs...				1,04,91,771 1 6

(including Transfers) of the BOMBAY MUNICIPALITY for the Year
March 1909—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.			32,93,885 7 0	
Public Health Department.—*contd.* and brought forward ... ... Rs....		20,48,685 14 9		
III. Markets and Slaughter-houses		1,75,278 13 8		
IV. Registration of Births and Deaths		64,633 6 1		
V. Cemeteries		10,656 10 6		
VI. Laboratory		13,408 12 8		
VII. Mahaluxmi Dhobiwada		16,915 2 1		
VIII. Infectious Diseases		57,717 7 11		
IX. Milch-Cattle Stables and Rooms		8,251 11 3		
X. Tank Conservancy		6,537 1 3		
XI. Rustomji Jamshedji Dharamshala, Falkland Rd.		671 6 6		
XII. Vaccination (Contribution to Government) ...		21,245 6 11		
Contribution paid to the Bombay Medical Congress		10,000 0 0		
GENERAL STORES—			24,34,001 13 7	
Establishment and Contingencies			29,456 7 11	
EDUCATION—				
Victoria and Albert Museum		18,021 1 4		
Other Institutions		2,58,663 13 3		
			2,76,684 14 7	
HOSPITALS, &c			4,64,534 9 3	
CONTRIBUTION to the City Improvement Trust ...			4,50,000 0 0	
PENSIONS, &c.			65,622 12 7	
MISCELLANEOUS—				
Discretional Contingencies		3,716 1 11		
Auditors' Allowance		11,316 15 8		
Loss on account of private works—Irrecoverable bills written off		104 1 1		
Loss on account of deteriorations of articles in the store written off		48 0 0		
Cost of preparing the address of condolence presented to His Excellency Sir George Clarke and of the casket to contain the same...		380 4 0		
Irrecoverable charges in connection with the Banganga Tank case written off		22,387 2 4		
			37,952 9 0	
INTEREST ON LOANS		23,21,486 14 6		
Less—Shown under Fire Brigade (page 93)... ...		17,080 0 0		
			* 23,04,406 14 6	
CHARGES ON ACCOUNT OF LOANS			† 10,217 3 6	
PLAGUE CHARGES			2,23,328 5 8	
				95,90,091 1 7
PAID OUT OF THE NET PREMIA FUND—				
Printing, stamps, advertisement, &c., charges in connection with the 4 per cent. 13½ Lakhs Loan raised in 1908-09	8,860 5 10			
Printing advertisement, etc. charges in connection with the 4 per cent. 15 Lakhs Loan to be raised in 1909-10	190 0 0			
Discount on the 13½ Lakhs Loan for the construction of quarters for Halalkhores and Beggaries raised in 1908-09	43,875 0 0			
		52,925 5 10		
Less—				
Premia on the investment of 5 per cent. Loans Sinking Fund	Cr. 5,163 12 0			
Premia on the investment of 4 per cent. Loans Sinking Fund	Cr. 14,200 14 0			
Premia on the investment of 3½ per cent. Loans Sinking Fund...	Cr. 232 8 0			
	Cr. 19,597 2 0			
Sale proceeds of water-marked paper supplied to the Bank of Bombay	Cr. 175 1 2			
		Cr. 19,772 3 2		
Loan Works (*vide* Appendix No. 9)			33,153 2 8	33,153 2 8
PAID OUT OF THE WORN OUT WATER MAINS RENEWAL FUND—				16,84,141 0 10
Laying a new 9'' main along Mount Road and a 6'' main along Ghorupdeo Road to be joined to the 6'' main already laid in Albert Road			2,110 0 0	
Replacing the 5'' main in Janjikar Street and 3'' and 4'' main in old Hanuman Lane by a 6'' main.			68 12 11	
Replacing 3'' main in Foras Road by a 6'' main ...			1,768 12 6	
Laying a new 6'' main in Matarpakhadi and laying a new 12'' main along Mazagon Road from Nesbit Lane to Mount Road...			3,373 5 11	
				7,320 15 4
Carried oves Rs...				1,13,14,706 4 5

* Includes Rs. 12,02,845-4-9 chargeable to Water Works Account.
† Of this Rs. 4,820-1-6 are chargeable to Water Works Account.

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STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ...Rs.				1,04,,91,771 1 6
DEBT—				
13½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries				13,50,000 0 0
ADVANCES—				
(*a*)—CASH ADVANCES TO MUNICIPAL OFFICERS ...			1,52,063 2 5	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works) ...		1,82,203 12 1		
Private Works (Engineer's, &c., Department) ...		79,470 11 1		
Departmental Works (do.) ...		3,01,539 8 3		
			5,63,213 15 5	
(*c*)—ADVANCES TO CONTRACTORS			73,087 7 2	
(*d*)—MISCELLANEOUS			1,61,143 11 10	
(*e*)—RESERVE STOCK—				
Stock	7,06,993 2 11			
Water Works Imprest	5,198 12 2			
Executive Engineer (General)	34,036 1 0			
Plague Stores (Parel)	.....			
		7,46,228 0 1		
Surplus and Obsolete Stores		2,27,522 8 5		
Stock adjustment account		4,860 11 0		
			9,78,611 3 6	
Purchases			7,06,371 8 11	
Sales			36,805 14 4	
				26,71,296 15 7
DEPOSITS—				
(*a*)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS, &c., PAPER DEPOSIT			1,39,200 0 0	
(*b*)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		11,44,299 12 0		
Cash Deposit		50,320 1 0		
Current Account Deposit		18,75,001 9 0		
Fixed Deposit		18,50,000 0 0		
			49,19,621 6 0	
(*c*)—LOAN FUNDS—				
Paper Deposit		.....		
Cash Deposit		3,495 8 0		
Current Account Deposit		12,87,168 15 10		
Fixed Deposit		17,50,000 0 0		
			30,40,664 7 10	
DEPOSITS—*contd.* and carried over Rs. ...			80,99,485 13 10	
Carried over Rs....				1,45,13,068 1 1

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.				1,13,14,706 4 5
DEBT—				
REPAYMENT—				
Vehar Debt...		19,463 12 7		
Drainage Loan of 1878		90,000 0 0		
			1,09,463 12 7	
INVESTMENT OF SINKING FUND AND OF INTEREST ACCRUED THEREON—				
Sinking Fund Investments		5,40,321 0 0		
Interest Realizations		3,42,407 12 8		
			8,82,728 12 8	
ADVANCES—				*9,92,192 9 3
(*a*)—CASH ADVANCES TO MUNICIPAL OFFICERS—			1,30,964 11 1	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works)		1,78,618 15 0		
Private Works (Engineer's and Health Departments)		70,367 5 3		
Departmental Works (Engineer's Department)		3,01,802 7 7		
			5,50,788 11 10	
(*c*)—ADVANCES TO CONTRACTORS			50,396 6 8	
(*d*)—MISCELLANEOUS			1,71,303 6 9	
(*e*)—RESERVE STOCK—				
Stock	7,38,625 7 1			
Water Works Imprest	3,905 7 1			
Executive Engineer (General)	32,190 9 2			
Parel Stores (Plague)	.....			
		7,74,721 7 4		
Stock Adjustment Account		64,727 3 8		
Line Suspense Account		1,22,344 10 0		
Surplus and Obsolete Stores		53,505 15 10		
			10,15,299 4 10	
Purchases			7,40,104 0 10	
Sales			30,111 0 4	
				26,88,907 10 4
DEPOSITS—				
(*a*)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS, &c., PAPER DEPOSIT			1,44,600 0 0	
(*b*)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		3,47,808 2 0		
Cash Deposit		50,320 1 0		
Current Account Deposit		19,41,839 5 0		
Fixed Deposit		14,00,000 0 0		
			37,39,967 8 0	
(*c*)—LOAN FUNDS—				
Paper Deposit		.....		
Cash Deposit		3,495 8 0		
Current Account Deposit		11,53,027 15 0		
Fixed Deposit		15,50,000 0 0		
			27,06,523 7 0	
DEPOSITS—*continued* and carried over Rs...			65,91,090 15 0	
Carried over Rs...				1,49,95,866 8 0

* Of this, Rs. 2,42,584-11-11 on account of repayment and Rs. 1,38,294 on account of Investment of the Interest realized on the Water Works portion of the 5, 4 and 3½ per cent. Loans Sinking Fund are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ...Rs.				1,45,13,068 1 1
DEPOSITS—*contd.* and brought forward ... ...Rs.			80,99,485 13 10	
(*d*)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund— Cash Deposit		4,276 0 8		
2—Worn-out Water Mains Renewal Fund— Paper Deposit	7,060 6 8			
Cash Deposit	24,440 2 0			
		31,500 8 8		
3—Net Premia, &c., Fund— Paper Deposit	43,689 6 0			
Cash Deposit	31,732 7 2			
		75,421 13 2		
4—School Building Fund— Paper Deposit	72,868 12 0			
Cash Deposit	2,242 12 5	75,111 8 5		
			1,86,309 14 11	
Bank of Bombay on account of Contractors' Securities held under objection			21,200 0 0	
Deposits from Contractors, &c.—			83,06,995 12 9	
In Cash— Rs. a. p.				
(*a*) From Contractors ... 2,16,200 11 9				
(*b*) „ Private parties received through Departmental Officers 51,335 15 0				
(*c*) Other Deposits 1,59,005 7 3				
	4,26,542 2 0			
In Government Paper kept in Office	82,300 0 0			
In Government Paper lodged at the Bank of Bombay	1,46,600 0 0			
On account of work performed for private parties.	31,306 8 11			
		6,86,748 10 11		
Government of Bombay on account of Income Tax		25,681 9 9		
Profit on Sale of Stores	692 9 10			
Miscellaneous Receipts Stores Department— Supervision Charges on Stores sold	82 8 3			
		775 2 1		
Court Attachments		4,127 4 9		
Interest realized on Government, &c., paper lodged by the Municipal Employés, Contractors, &c.		3,594 3 0		
			7,20,926 14 6	
CHEQUES PAYABLE			1,62,35,075 13 7	
Contribution from Government towards the cost of Primary School Buildings and their sites ...			1,00,000 0 0	
				2,53,62,998 8 10
			Total Rs. ...	3,98,76,066 9 11

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1909—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.				1,49 95,866 8 0
DEPOSITS—*contd.* and brought forward ... ... Rs.			65,91,090 15 0	
(*d*)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—				
Paper Deposit	9,259 6 0			
Cash Deposit	4,506 1 0			
		(*a*) 13,765 7 0		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	24,092 14 8			
Cash Deposit	24,236 4 0			
		(*b*) 48,329 2 8		
3—Net premia, &c., Fund—				
Paper Deposit	22,638 2 0			
Cash Deposit	31,613 10 2			
		(*c*) 54,251 12 2		
4—School Building Fund—				
Paper Deposit	1,016 14 0			
Cash Deposit	2,227 6 0			
		(*d*) 3,244 4 0		
Bank of Bombay on account of Contractors' Securities held under objection			1,19,590 9 10 22,100 0 0	
Deposits from Contractors, &c.—			67,32,781 8 10	
In Cash— Rs. a. p.				
(*a*) From Contractors ... 2,37,517 15 3				
(*b*) „ private parties received through Departmental Officers ... 45,038 14 7				
(*c*) Other Deposits ... 1,40,394 9 4				
	4,22,951 7 2			
In Government Paper kept in Office	86,400 0 0			
Ditto lodged with the Bank of Bombay	1,41,200 0 0			
On account of work performed for private parties	34,809 3 1			
		6,85,360 10 3		
Government of Bombay on account of Income Tax.		25,107 5 5		
Profit on Sale of Stores	963 10 4			
Miscellaneous Receipts, Stores Department—Supervision Charges on Stores sold	158 0 6			
		1,121 10 10		
Court Attachments		3,932 12 5		
Interest realized on Government, &c., Paper lodged by the Municipal Employés, Contractors, &c. ...		3,567 14 8		
			7,19,140 5 7	
CHEQUES PAYABLE			1,63,42,619 4 10	
				2,37,94,541 3 3
				3,87,90,407 11 3
Cash Balance (in Bank and Office Treasuries) on 31st March 1909				10,85,658 14 8
			Total Rs. ...	3,98,76,066 9 11

	Rs. a. p.	Rs. a. p.
(*a*)—Total Debits	13,765 7 0	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased	4,276 0 8	
Net payment during the year ...		9,489 6 4
(*b*)—Total Debits	48,329 2 8	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased (Rs. 31,500-8-8—Rs. 7,320-15-4 as per page 101) ...	24,179 9 4	
Net payment during the year ...		24,149 9 4
(*c*)—Total Debits	54,251 12 2	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased, &c., (Rs. 75,421-13-2—Rs. 33,153-2-8 as per page 101)...	42,268 10 6	
Net payment during the year ...		*11,983 1 8
(*d*)—Total Debits	3,244 4 0	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased (Rs. 75,111-8-5—Rs. 74,087-15-9 transferred to the Surplus Fund as per Corporation's Resolution No. 2567, dated 13th July 1908	1,023 8 8	
Net payment during the year ...		2,220 11 4
Total ... Rs.		47,842 12 8

*This belongs to the Water Works Account.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
			Rs a. p.	Rs. a. p.
Messrs. Salley Mahomed Haji Ahmed, Haji Ismail Haji Allana, Joonas Haji Ahmed, and Mussa Haji Joonas, the surviving trustees.	Dhobi Street	24·16	20 0 0	483 3 2
Mr. Haji Ganni Karim	Sarang Street	5·05	30 0 0	151 8 0
Messrs. Dawoodbhoy Kamroodin and Teheralli Allibhai, Surviving executors of the late Mr. Allibhai Dawoodkhan.	Abdul Rehman Street	27·75	125 0 0	3,468 12 0
Mr. Haji Salle Mahomed Habib	1st Marine Street	39·56	25 0 0	989 0 0
„ Purshotam Ratansey Narsey ...	Mughbhat Cross Lane	12·25	10 0 0	122 8 0
Messrs. Joshi Narsey Keshowji and another.	Samuel Street at its Junction with Masjid Bunder Road.	117·1	150 0 0	17,565 0 0
Messrs. Ramjee Thakersey, Dewjee Ghella, and Khimjee Dharsey, the Surviving executors and trustees of Rawjee Coorjee.	Abdul Rehman Street	25·05	125 0 0	3,131 4 0
Messrs. Essufalli Ebrahimjee Bandookhwalla and Samsoodin Mahomedally Bandookhwalla.	At the Junction of Abdul Rehman and Nagdevi Cross Street.	108·75	125 0 0	13,593 12 0
Assinaboo Ebrahim, widow of Essabhoy Ibrahim and others.	At the Junction of Kandewadi and Sadashiv Streets.	111·70	10 0 0	1,117 0 0
Bai Keserbai widow of Jekisondas Gangadas and others.	At the Junction of 2nd Duncan Cross Lane, Khoja Street and Chimna Butcher Street.	44·27	10 0 0	442 1 1
Mr. Ahmed Mia Hoosein Mia	Nisanpada Road	59	30 0 0	1,770 0 0
„ Erachshah Dadabhoy Karanjia ...	Hamalwadi...	104	20 0 0	2,080 0 0
„ Cursondas Jiwraj	Kandawadi Street	17·87	10 0 0	178 1 1
„ Haji Habib Haji Carrim	Khetwadi 10th Street	111·86	15 0 0	1,677 14 4
„ Nathalal Bhugwandas	At the Junction of 2nd Carpenter Street and Khetwadi Main Road.	40·21	20 0 0	804 3 2
„ Mahomedalli Tayebji	2nd Agiary Lane near Mirza Street ...	14·72	25 0 0	368 0 0
Bai Mamoobai, daughter of Jetha Lathani.	At the Junction of Durgadevi Road and Duncan Road.	29·08	15 0 0	436 3 2
Mr. Morarjee Vassanji, the sole Surviving Trustee.	Kumbharwada Lane	17·27	15 0 0	259 0 9
„ Hirjeebhoy Maneckji	Bazar Gate Street...	4·44	30 0 0	133 3 2
Bai Dewoobai, widow of Keshow Anaji Holdenkar.	Lady Jamshedji Road	160	2 0 0	320 0 0
Mr. Munshi Farridudin Nurudin ...	Hormusjee Street Colaba...	16·59	10 0 0	165 1 5
The Trustees of the funds of the properties of the Parsee Panchayet.	Cawasjee Patel Street, Fort	37·60	30 0 0	1,128 0 0
	Carried over ...	1,128·28		50,383 11 4

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1908-09.

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1,021 0 0	1,504 3 2	80 0 0	1,932 12 10	1,021 0 0	2,953 12 10	
230 0 0	381 8 0	120 0 0	606 0 0	230 0 0	836 0 0	
268 0 0	3,736 12 0	275 0 0	7,631 4 0	268 0 0	7,899 4 0	
719 0 0	1,708 0 0	40 0 0	1,582 6 5	719 0 0	2,301 6 5	
.....	122 8 0	15 0 0	183 12 0	.....	183 12 0	
2,153 0 0	19,718 0 0	637 0 0	74,580 0 0	* 4,475 0 0	79,055 0 0	* Interest @ 6°/₀ for one year from 6-4-07 to 5-4-08 on Rs.74,580-0-0.
971 0 0	4,102 4 0	275 0 0	6,888 12 0	971 0 0	7,859 12 0	
877 0 0	14,470 12 0	450 0 0	48,937 8 0	800 0 0 † 3,548 4 2	53,285 12 2	† Interest @ 6 °/₀ from 23-8-07 to 30-10-08, on Rs. 53,283-15-0.
2,872 0 0	3,989 0 0	42 0 0	4,691 6 5	2,872 0 0 (a) 841 12 7 (b) 67 2 6	8,472 5 6	(a) Interest @ 6 °/₀ from 9-5-07 to 6-4-09 on Rs. 7,336-8-0. (b) On account of Half the Court Cost.
992 0 0	1,434 1 1	29 6 0	1,310 5 0	992 0 0 (c) 135 4 3	2,437 9 3	(c) Interest @ 6 °/₀ from 26-6-06 to 14-3-08.
.....	1,770 0 0	35 0 0	2,065 0 0	.....	2,065 0 0	
1,875 0 0	3,955 0 0	25 0 0	2,600 0 0	1,875 0 0	4,475 0 0	
.....	178 1 1	35 0 0	625 7 2	.....	625 7 2	
.....	1,677 14 4	80 0 0	8,948 12 10	.....	8,948 12 10	
.....	804 3 2	40 0 0	1,608 6 5	.....	1,608 6 5	
593 0 0	961 0 0	60 0 0	883 3 2	593 0 0	1,476 3 2	
.....	436 3 2	83 0 0	2,413 10 3	.....	2,413 10 3	
271 0 0	530 0 9	35 0 0	604 7 2	271 0 0	875 7 2	
231 0 0	364 3 2	46 0 0	204 3 10	231 0 0	435 3 10	
118 0 0	438 0 0	5 0 0	800 0 0	118 0 0	918 0 0	
.....	165 1 5	15 0 0	248 13 7	.....	248 13 7	
.....	1,128 0 0	35 0 0	1,316 0 0	.....	1,316 0 0	
13,191 0 0	63,574 11 4		1,70,662 3 1	20,028 7 6	1,90,690 10 7	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates originally 1908-09.

Name of the Party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	1,128·28	.....	50,383 11 4
Bai Laximibai Bala Welinkar	Parel Chawl Road	33·34	5 0 0	166 1 1
Do. do.	Do.	110·5	5 0 0	552 8 0
Mr. Narayanji Dwarkadas and Goverdhandas Goculdas Tejpal.	Borah Bazar Street	5·04	50 0 0	252 0 0
Mr. Toolsidas Lalloobhoy	Old Hanuman Street	5·25	50 0 0	262 8 0
„ H. A. Wadia	Khatteralli Lane	148·86	20 0 0	2,977 3 2
„ Munmohandass Ramjee	Do.	35·45	20 0 0	709 0 0
„ Goolam Hoosein Allibhoy	Samuel Street	37·37	75 0 0	2,802 12 0
„ Abdoolally Hussanally	Masjid Bunder Road near Abdul Rehman Street.	86·17	125 0 0	10,771 4 0
Messrs. Goolam Hoosein Alloo Mooraj and others.	Tantanpura Street	13·50	45 0 0	607 8 0
Mr. Harjiwan Bechar	Sindhi Lane	16·49	20 0 0	329 12 10
„ Haji Abdulla Baboo	Khetwadi 10th Lane	136·80	15 0 0	2,052 0 0
„ Bandealli Shiwjee Bharparwalla ...	Tantanpura Street	17·56	40 0 0	702 6 5
Messrs. Bhura Jairam, and Hirjee Jairam.	Kumbharwada Street	8·67	15 0 0	130 0 10
Mr. Ellapa Ballaram	Ballaram Street	188·21	20 0 0	3,764 0 4
Bai Pithibai widow of Keshowji Kallianji.	Kalbadevi Road	9·94	150 0 0	1,491 0 0
Mr. Nowrojee Jehanghir Gamadia ...	Junction of Pedder and Warden Roads...	420·20	10 0 0	4,202 0 0
„ Jamnadas Bhugwandas	Kandawady Street...	97·09	20 0 0	1,941 12 10
„ Shridhar V. Acharaya	Lady Jamshedji Road	86·43	3 0 0	259 4 8
Bai Aminabai widow of Abdul Satar ...	Islampura Street	2·55	20 0 0	51 0 0
Messrs. Byramji Edaljee Umrigar and Phirozshah Coowarjee Umrigar Trustees.	Junction of Charni Road and Girgam Back Road.	508·29	30 0 0	15,248 11 2
Mr. Vinayak Dinanath, Manager, Khastrya Caste.	Charni Road	70	30 0 0	2,100 0 0
	Carried over ...	3,165·99		1,01,756 6 8

No. 14.

sanctioned and at rates which were subsequently increased and on which payments were finally made during —*continued.*

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
13,191 0 0	63,574 11 4		1,70,662 3 1	20,028 7 6	1,90,690 10 7	
52 0 0	218 1 1	25 0 0	833 8 0	52 0 0 (d) 78 14 4	964 6 4	(d) Interest @ 6°/₀ per annum, from 3-6-07 to 26-11-08.
.....	552 8 0	30 0 0	3,315 0 0	361 13 2	(e) 3,676 13 2	(e) Interest @ 6°/₀ per annum, from 6-9-06 to 3-7-08.
708 0 0	960 0 0	125 0 0	630 0 0	708 0 0	1,338 0 0	
579 0 0	841 8 0	70 0 0	367 8 0	579 0 0	946 8 0	
.....	2,977 3 2	30 0 0	4,465 12 10	.....	4,465 12 10	
.....	709 0 0	30 0 0	1,063 8 0	.....	1,063 8 0	
1,350 0 0	4,152 12 0	170 0 0	6,352 14 5	1,350 0 0 (f) 436 10 3	8,139 8 8	(f) Interest @ 6°/₀ per annum, from 1-9-07 to 11-8-08.
3,050 0 0	13,821 4 0	253 0 0	21,801 0 2	3,200 0 0 (g) 2,167 3 10	27,168 4 0	(g) Interest @ 6°/₀ per annum, from 23-4-07 to 30-10-08.
1,500 0 0	2,107 8 0	80 0 0	1,080 0 0	1,500 0 0	2,580 0 0	
.....	329 12 10	30 0 0	494 11 2	.....	494 11 2	
183 0 0	2,235 0 0	20 0 0	2,736 0 0	183 0 0	2,919 0 0	
1,482 0 0	2,184 6 5	100 0 0	1,756 0 0	1,482 0 0 (h) 255 1 0	3,493 1 0	(h) Interest @ 6°/₀ per annum, from 7-7-08 to 30-10-08.
.....	130 0 10	25 0 0	216 12 0	.....	216 12 0	
1,041 0 0	4,805 0 4	40 0 0	7,528 6 5	2,749 0 0	10,277 6 5	
.....	1,491 0 0	240 0 0	2,385 9 7	.....	2,385 9 7	
1,028 0 0	5,230 0 0	25 0 0	10,505 0 0	310 0 0 (i) 876 7 4	11,691 7 4	(i) Interest @ 6°/₀ per annum, from 3-5-07 to 7-9-08.
.....	1,941 12 10	42 0 0	4,077 12 6	(j) 410 5 5	4,488 1 11	(j) Interest @ 6°/₀ per annum, from 8-3-07 to 30-11-08.
84 0 0	343 4 8	5 0 0	432 2 5	84 0 0	516 2 5	
128 0 0	179 0 0	30 0 0	76 8 0	128 0 0	204 8 0	
3,044 0 0	18,292 11 2	47 0 0	24,143 12 5	3,044 0 0 (k) 2,665 5 8	29,853 2 1	(k) Interest @ 6°/₀ per annum, from 20-4-07.
618 0 0	2,718 0 0	40 0 0	2,800 0 0	618 0 0	3,418 0 0	
28,038 0 0	1,29,794 8 8		2,67,724 1 0	43,267 4 6	3,10,991 5 6	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the Party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	3,165·99	.....	1,01,756 8 8
Mr. Purshotamdas Mangaldas	Memonwada Street	10·25	40 0 0	410 0 0
„ Fidally Abdul Rassul	Agiary 2nd Cross Lane	5·65	25 0 0	141 4 0
„ Govindrao Harischandra Joshi ...	Kalbadevi Road	48·56	160 0 0	7,779 9 7
„ Rajabally Vishram Patel	Duncan Road	7·68	20 0 0	153 9 7
„ Utamchand Moolchand	Vithalwadi Street	10·08	60 0 0	604 12 10
„ Tullockchand Zawerchand	Agiary 3rd Lane	5·13	25 0 0	128 4 0
Bai Mithibai wife of Toolsidas Surjee ...	Samuel and Issajee Streets	13·70	100 0 0	1,370 0 0
Messrs. Samalmal Chelajee and Nemchand Chelajee and others,	Agiary Street, Bhendy Bazar, Parel Road.	9·25	30 0 0	277 8 0
Messrs. Bhoora Jairam and Hirjee Jairam.	Kumbharwada Street	4·63	20 0 0	92 9 7
„ Jaychand Kapurchand and Harakchand Kapurchand,	Kika Street	10·83	75 0 0	812 4 0
Messrs. Harjiwan Becher and Jairam Becher and others,	Sindhi Lane	18·84	20 0 0	376 12 10
Mr. Yeshwant Ramnath...	Bhuleshwar Street	13·20	100 0 0	1,320 0 0
„ Mahomed Hoosein Laree	Umarkhady Road...	7·62	20 0 0	152 6 5
„ Vinayak Dinanath	Charni Road	28·67	30 0 0	860 1 7
„ Laxmidas Jethabhoy	3rd Bhoiwada Street	8·50	100 0 0	850 0 0
„ Abdul Tayeb Mahomedally	Abdul Rehman Street	4·40	125 0 0	550 0 0
	Grand Total ...	3,372·98		1,17,635 11 1

							Rs. a. p.	
Average rate per 1 square yard for compensation of land as originally sanctioned						34·88	or 34 14 0	
Do.	do.	do.	do.	do.	as subsequently do.	86·10	„ 86 1 7	
Do.	do.	do.	do.	structure as originally sanctioned		9·32	„ 9 5 2	
Do.	do.	do.	do.	do.	subsequently do.	13·99	„ 13 15 11	
Do.	do.	do.	do.	total amount as originally	do.	44·20	„ 44 3 2	
Do.	do.	do.	do.	do.	subsequently do.	100·09	„ 100 1 6	or, 126·47 % increase in the rate per 1 square yard.

W. E. WAITE,
Chief Accountant.

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1908-09.

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
28,038 0 0	1,29,794 8 8	.....	2,67,724 1 0	43,267 4 6	3,10,991 5 6	
.....	410 0 0	70 0 0	717 8 0	.....	717 8 0	
62 0 0	203 4 0	50 0 0	282 8 0	62 0 0	344 8 0	
.....	7,779 9 7	200 0 0	9,712 0 0	.....	9,712 0 0	
205 0 0	358 9 7	57 0 0	437 12 2	205 0 0	642 12 2	
.....	604 12 10	80 0 0	806 6 5	.....	806 6 5	
284 0 0	412 4 0	50 0 0	256 8 0	284 0 0	540 8 0	
.....	1,370 0 0	168 0 0	2,301 9 7	(*l*) 165 0 7	2,466 10 2	(*l*) Interest @ 6% per annum, from 2-9-07 to 13-11-08.
10 0 0	287 8 0	50 0 0	462 8 0	361 0 0	823 8 0	
.....	92 9 7	25 0 0	115 12 0	.....	115 12 0	
.....	812 4 0	188 0 0	2,036 0 8	.....	2,036 0 8	
.....	376 12 10	30 0 0	565 3 2	.....	565 3 2	
334 0 0	1,654 0 0	120 0 0	1,584 0 0	334 0 0	1,918 0 0	
250 0 0	402 6 5	50 0 0	381 0 0	250 0 0	631 0 0	
227 0 0	1,087 1 7	40 0 0	1,146 12 10	227 0 0	1,373 12 10	
1,163 0 0	2,013 0 0	140 0 0	1,190 0 0	1,163 0 0	2,353 0 0	
883 0 0	1,433 0 0	160 0 0	704 0 0	883 0 0	1,587 0 0	
31,456 0 0	1,49,091 11 1		2,90,423 9 10	47,201 5 1	3,37,624 14 11	

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

Income of the Bombay Municipality from the year 1865

TAXATION PROPER.

Year.	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Liquor Licenses.	Tobacco Licenses.		Contribution from Insurance Companies or Fire Tax.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
1865	1,20,14,655	10,57,379	.....	.....	2,32,698	2,023	5,04,769	1,45,873	.....	.....	.....
1866	1,48,94,893	7,16,004	2,93,683	98,417	3,13,330	2,72,665	5,132	46,921	1,20,390	.....	.....
1867	1,63,09,535	9,84,063	4,11,040	1,82,849	2,38,178	2,05,536	...	1,04,808	1,18,426	.....	.....
1868	1,47,49,075	9,20,587	3,75,607	2,46,071	2,68,514	2,08,820	...	1,20,566	1,36,762	.....	.....
1869	1,39,41,260	7,99,306	2,59,583	2,48,406	2,57,574	1,50,351	3,03,298	2,49,077	1,51,178	.....	.....
1870	1,36,20,855	7,22,783	2,37,643	2,46,994	2,50,581	28,147	5,94,989	1,23,692	1,39,830	.....	.....
1871	1,34,26,845	6,75,489	2,30,409	2,30,256	2,05,521	7,655	4,51,496	1,15,170	1,28,046	.....	.....
1872	1,29,33,510	7,09,953	2,41,774	2,41,348	2,04,097	5,862	4,67,638	59,914	1,47,654	.....	.....
1873	1,26,71,816	7,01,013	2,37,282	2,37,050	2,16,053	87	4,46,924	2,79,074	1,48,792	.....	.....
1874	1,19,65,399	5,94,814	2,29,102	2,27,525	2,48,217	3,908	4,85,649	1,24,507	1,47,779	.....	16,519
1875	1,15,55,066	5,52,738	2,20,569	2,16,632	2,45,274	594	6,72,987	1,58,980	1,45,956	.....	14,355
1876	1,12,75,710	5,73,458	2,17,684	2,13,094	2,38,487	2,113	6,36,147	1,41,725	1,48,356	.....	13,922
1877	1,14,77,690	5,47,541	2,20,061	2,14,670	2,44,369	1,948	7,51,019	85,697	1,49,562	.....	19,164
		Consolidated Rate.									
1878	1,15,37,118	.....	9,35,034	.....	2,14,560	...	6,95,006	1,60,565	1,52,229	.....	22,578
1879	1,14,93,417	.....	10,52,773	.....	2,25,569	3,563	5,33,617	1,43,750	1 65,029	.....	20,761
1880	1,17,82,525	.....	8,99,634	.....	2,31,925	846	6,57,784	1,43,750	1,61,127	.....	23,911
1881	1,17,14,470	@ 8 %	10,58,810	.....	2,31,866	1,502	6,37,482	1,43,750	1,61,625	.....	24,051
1882-83	1,25,80,263				For 15 months *i.e.*, from 1st January 1882 to 31st March 1883, the calendar						
.....	.....	.....	12,34,975	.....	4,12,027	.....	8,17,199	1,43,750	2,06,014	.....	32,000
1883-84	1,45,64,507	@ 8 %	9,83,538	.....	2,55,227	3,417	6,67,113	1,79,687	1,74,306	.....	24,708
1884-85	1,53,82,744	Do.	11,80,307	.....	3,09,552	4,305	7,73,431	1,43,750	1,72,622	.....	.....
1885-86	2,00,25,223	Do.	14,61,305	.....	3,32,485	4,525	6,79,293	1,43,750	1,79,177	.....	29,914
1886-87	2,16,27,230	@ 8¾ %	14,88,867	.....	3,19,561	3,943	10,12,152	1,43,750	1,90,250	.....	29,776
1887-88	2,27,92,346	@ 8 %	14,07,013	.....	3,36,993	4,050	9,96,750	1,43,750	1,84,168	(*a*) fire tax	37,857
1888-89	2,39,51,043	Do.	14,66,024	.....	3,14 571	45,471	7,25,897	1,43,750	1,91,297	@ ½ %	34,705
1889-90	2,73,64,359	Do.	15,82,509	.....	3,25,616	52,792	6,67,065	1,43,750	1,90,922	.....	(*a*) 79,187
1890-91	2,82,27,355	Do.	15,64,932	.....	3,56,648	60,451	9,79,520	1,43,750	1,80,284	@ ¾ %	1,25,345
1891-92	2,85,80,023	Do.	17,55,081	.....	3,42,973	75,101	8,40,222	1,43,750	1,86,151	Do.	1,64,264
1892-93	2,64,03,982	Do.	17,73,501	.....	3,44,905	79,376	9,73,928	1,43,750	1,86,703	Do.	1,65,838
1893-94	2,69,79,728	Do.	17,49,321	.....	3,51,175	85,817	8,97,256	1,43,750	1,86,829	@ ½ %	1,10,504
1894-95	2,76,13,741	Do.	17,49,385	.....	3,56,082	95,137	8,88,542	1,43,750	2,05,348	Do.	1,09,325
1895-96	2,82,56,881	Do.	17,67,000	.....	3,65,525	96,335	9,10,851	1,43,750	2,17,475	Do.	1,10,437
1896-97	2,89,27,618	Do.	17,45,829	.....	2,46,681	74,085	6,45,144	1,43,750	1,82,867	Do.	1,09,138
1897-98	2,94,82,805	Do.	19,35,325	.....	3,46,838	88,663	9,51,424	1,43,750	1,89,323	Do.	1,20,961
1898-99	2,98,53,636	@ 9 %	21,06,995	.....	3,39,197	87,754	11,17,161	1,43,750	2,08,544	Do.	1,17,219
1899-1900 ...	3,05,17,091	@ 12 %	28,74,389	.....	3,02,748	90,346	15,94,721	1,43,750	2,21,338	Do.	1,20,127
1900-1901 ...	3,13,75,106	@ 12 %	28,94,971	.....	3,21,366	95,702	11,31,371	1,43,750	2,16,939	Do.	1,20,647
1901-02	3,18,11,625	@ 10 %	25,72,001	.....	3,40,747	92,733	8,62,123	1,43,750	2,33,065	Do.	1,27,570
1902-03	3,18,91,400	Do.	25,81,510	.....	3,71,013	1,02,070	12,19,346	1,43,750	2,44,092	Do.	1,29,049
1903-04	3,44,49,599	Do.	27,64,974	.....	3,98,070	1,05,511	11,68,973	1,43,750	2,40,064	Do.	1,38,163
1904-05	3,54,15,934	Do.	30,26,572	.....	4,19,587	1,03,772	14,16,943	1,43,750	2,60,744	Do.	1,51,302
1905-06	3,81,90,177	@ 8⅝ %	27,53,778	.....	4,48,343	98,923	11,68,450	1,43,750	2,72,779	@ ¾ %	1,20,0[illegible]
1906-07	4,14,48,901	Do.	29,58,345	.....	4,42,749	1,03,221	13,34,074	1,43,750	2 65,828	Do.	1,28,[illegible]
1907-08	4,42,79,940	@ 8 %	29,74,517	.....	4,29,892	1,06,284	13,90,203	1,43,750	2,80,355	Do.	1,39,[illegible]
1908-09	4,68,75,766	Do.	31,47,349	.....	4,79,857	1,19,278	12,96,320	1,43,750	2,78,890	Do.	1 47,52[illegible]

W. E. WAITE,
Chief Accountant.

No. 15.

to close of the financial year 1908-09.

Total Taxation Proper.	Service rendered. Halalkhore Tax.	Service rendered. Water Tax.	Total service rendered.	Miscellaneous. Government contribution for Police and City Improvement Trust.	Miscellaneous. Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years' average annual income.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs. a. p.	
19,42,762	.....	1,78,719	1,78,719	.....	2,42,306	23,63,787	1865	8,16,562	2 9 6	
18,66,545	1,92,852	6,49,121	8,41,973	.....	2,06,154	29,14,672	1866	.....	3 5 1	
22,44,905	1,45,824	3,73,006	5,18,830	1,50,000	1,26,789	30,40,524	1867	.....	3 6 1	31,12,976
22,76,927	3,91,454	4,98,377	8,89,831	2,60,129	4,25,787	38,52,674	1868	.....	3 14 0	
24,18,773	2,30,562	3,62,998	5,93,560	1,09,882	2,71,011	33,93,226	1869	.....	3 11 0	
23,44,659	2,13,197	3,66,986	5,80,183	1,09,882	2,73,025	33,07,749	1870	.....	3 9 3	
20,44,042	1,99,986	3,57,578	5,57,564	.....	2,69,554	28,71,160	1871	.....	3 2 11	
20,78,240	2,17,071	4,07,835	6,24,906	.....	3,45,185	30,48,331	1872	8,44,405	4 3 1	31,06,534
20,66,275	2,00,590	4,00,639	6,01,229	.....	4,56,604	33,24,108	1873	.....	4 7 2	
20,78,020	1,92,235	3,63,087	5,55,322	.....	3,47,980	29,81,322	1874	.....	4 1 4	
22,28,085	1,94,215	3,00,212	4,94,427	90,000	3,31,014	31,43,526	1875	.....	4 3 7	
21,84,986	2,04,077	3,08,377	5,12,454	90,000	3,90,283	31,77,723	1876	.....	4 2 11	
22,34,031	2,01,299	3,11,823	5,13,122	90,000	4,04,299	32,41,452	1877	.....	4 4 2	32,09,805
21,79,968	1,95,380	2,92,780	4,88,160	90,000	3,87,025	31,45,153	1878	.....	4 2 2	
21,45,062	2,42,015	3,54,798	5,96,813	90 000	5,09,299	33,41,174	1879	.....	4 4 0	
21,18,977	2,03,047	3,90,703	5,93,750	75,000	4,64,173	32,51,870	1880	.....	4 3 4	
22,59,094	2,81,805	5,24,819	8,06,624	50,000	7,57,976	38,73,694	1881	7,73,196	3 15 5	
being changed to the financial year, the income was as follows :—										39,37,843
28,45,965	3,28,916	6,70,677	9,99,593	91,125	6,75,557	46,12,240	1882-83	.....	4 15 6	
22,87,996	2,43,557	5,47,647	7,91,204	85,672	5,72,400	37,37,272	1883-84	.....	3 15 8	
25,83,967	2,89,616	5,96,123	8,85,739	90,000	6,54,162	42,13,868	1884-85	.....	4 7 9	
28,30,449	3,16,787	6,65,370	9,82,157	90,000	5,71,367	44,73,973	1885-86	.....	4 14 10	
31,88,299	3,18,630	7,74,651	10,93,281	.....	6,20,214	49,01,814	1886-87	.....	5 8 7	
31,10,581	3,72,258	8,83,724	12 55,982	.....	7,99,967	51.66,530	1887-88	.....	5 10 4	49,70,136
29,21,718	3,90,039	9,63,804	13,53,843	.....	6,90,632	49,66,193	1888-89	.....	5 8 5	
30,41,841	4,73,919	11,23,006	15,96 925	.....	7,03,403	53,42,169	1889-90	.....	5 15 11	
34,10,930	5,27,222	11,49,198	16,76,420	.....	(a) 10,78,551	61,65,901	1890-91	.....	6 9 3	
35,07,542	5,55,877	11,81,429	17,37,306	.....	9,88.335	62,33,183	1891-92	8,21,764	6 6 1	
36,68,001	6,22,200	14,07,081	20,29,281	.....	9,75,661	66,72,943	1892-93	.....	6 14 11	64,74,819
35,24,652	5,82,026	12,86,828	18,68,854	.....	(b) 13,69,189	67,62,695	1893-94	.....	6 9 0	
35,47,569	6,81,557	13,88,265	20,69,822	.....	9,21,981	65,39,372	1894-95	.....	6 13 4	
36,11,373	6,57,812	14,42,895	21,00,707	.....	(c) 10,49,630	67,61,710	1895-96	.....	6 15 2	
31,47,494	6,88,486	13,98,410	20,86,896	.....	9,74,588	62,08,978	1896-97	.....	6 5 10	
37,76,284	7,35,485	13,29,852	20,65,337	.....	(d) 13,03,939	71,45,560	1897-98	.....	7 1 8	72,21,595
41,20,620	7,13,122	15,00,970	22,14,092	.....	8,27,199	71,61,911	1898-99	.....	7 11 4	
53,47,419	7,25,264	17,72,967	24,98,231	.....	9,84,167	88,29,817	1899-1900	.....	9 8 9	
49,24,736	7,14,440	17,35,635	24,50,075	.....	10,28,037	84,02,848	1900-01	.....	8 15 7	
43,71,989	7,88,439	15,47,120	23 35,559	.....	10,59,181	77,66,729	1901-02	7,76,006	8 10 3	
47,90,830	7.95,984	15,13,976	23,09,960	.....	10,74 898	81,75,688	1902-03	.....	9 2 4	84,32,800
49,59,505	8,10,610	15,71,566	23,82,176	.....	11,49,944	84,82,625	1903-04	.....	9 7 4	
55,22,670	8 75,194	17,14,453	25,89,647	.....	12,23,794	93,36,111	1904-05	.....	10 7 3	
59,06,080	9,32,655	18,57,780	27,90,435	.....	12,96,024	99,92,539	1905-06	.....	10 0 9	
53,76,598	9,91,362	19,38,429	29,29,791	.....	13,42,112	96,48,501	1906-07	9,77,822	8 7 10	97,29,103 Four years' average.
54,64,330	10,46,874	19,48,830	29,95,704	.....	14,29,290	98,89,324	1907-08	.....	8 10 5	
56,12,966	11,19,222	20,04,189	31,23,411	.....	15,49,671	1,02,86,048	1908-09	.....	8 14 11	

(a) Includes Rs. 2,32,544/- for arrear recoveries for work done.
(b) Rs. 4,58,699/- adjusted on account of premia on loans.
(c) Includes premia of Rs. 97,749 on loan raised.
(d) Includes rebate of plague expenses amounting to Rs. 4,37,055.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

Expenditure of the Bombay Municipality from the

Year.	General Superintendence.	Assessment and collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1865	94,354	1,26,472	Not.	31,52,722	8,15,914	Not	345	1,41,931	.....	.....	.....
1866	1,31,622	58,638	traceable.	13,32 917	14,40 293	traceable.	14,430	3.96.169	.....	.....	20,554
1867	61,337	71,531		17,38,626	14,26,321		2,580	4,25,423	.....	.....	73,360
1868	70,990	87,602	22,708	12,29,594	10,45,862	9,012	3,733	4,17,083	.....	.....	2,19,977
1869	1,09,879	1,25,691	23,318	12,51 429	8,57,425	8,312	5,634	3,25,637	.....	.....	3,81,368
1870	1 32,202	1,12,498	30,896	13,73,897	8,29,784	8,046	10,354	4,24,905	.....	.....	4,46,187
1871	1,22,853	1,12,851	31.261	16 11,527	7,84,485	6,482	7,758	5,90,579	7,948	.....	4,75,704
1872	1,15,930	1,38,354	34,435	12,83,987	7,61,854	*	7,221	3,27,209	9,321	.....	2,52,971
1873	1,16,575	1,41,308	20,546	10,70,919	7,96,860	*	6,996	3,40,892	10,000	.....	5,06,270
1874	1,11,860	1,29,023	25,316	10,53,829	7,38,139	*	8,030	3,44,325	10,000	.....	5,09,023
1875	1,13,902	1,36,708	20,063	9,90,091	7,42,958	*	8,691	3,52,920	10,000	36,000	7,15,561
1876	1,09,189	1,42,267	37,754	9,70,195	7,07,681	.....	11,157	3,57,734	10,000	36,000	7,09,127
1877	1,10,164	1 43,672	24 193	8,96,548	7,49,550	.....	8,301	3,54,535	10,000	36,000	6,27,792
1878	1,15,597	1,44,467	27.517	8,13 057	7,90,481	.....	8,008	3,61,581	15,000	36,000	8,66,223
1879	1,21,997	1,34,372	23,980	8,35,687	8,04,295	.....	12,084	3,64,304	17,000	36,000	6,91,903
1880	1,28,493	1,37,726	24,800	8,86,191	7,52,410	.....	7,749	3,59,166	17,500	36,000	6,42,880
1881	1,28,951	1,52,107	29,242	9,16,699	7,98,021	.....	8,658	3,57,752	17,500	20,435	7,47,209
						For 15 months, from 1st January 1882 to 31st March 1883, the calendar					
1882-83	1,82,715	1,87,858	73,665	14,01,108	10,14,785	.....	12,803	4,54,034	28,125	34,948	12,28,882
1883-84	2,01,021	1,48,317	55,389	10,55,338	9,16,316	.....	40,333	3,62,508	22,500	27,832	8,12,061
1884-85	1,65,258	1,64,917	64,977	11,51,551	9,19,967	.....	23,293	3,61,748	22.500	34,512	7,37,608
1885-86	1,66,827	1,84,717	43,854	12,34,529	9,95,607	.....	18.318	3,59,223	23,700	31,349	7,87,527
1886-87	1,73,090	2,17,134	70,904	13,03,859	10,10,118	.....	19,133	2,61,914	32,604	48,[illegible]86	8,93,553
1887-88	1,70,945	2,12,138	69,670	13,64,393	10,75,735	.....	30.531	2,61,348	1,34,715	40,753	23,27,682
1888-89	1,69,223	1,98,820	1,12,328	14,91,041	11,56,410	.....	19,470	2,59,140	50,982	36,857	14,90,115
1889-90	1,77,133	1,92,643	93,907	13,62,241	11,96,577	.....	29,139	2,58,285	60358	35,246	14,85,711
1890-91	1,82,198	2,23,854	1,29,291	15,92,034	13,02,064	.....	32,117	2,58.285	68,646	38,601	15,52,139
1891-92	1,91,028	2,41,002	88,671	15.92,073	12,92,529	.....	33,890	2,58,285	80,722	50,284	16,37,405
1892-93	1,90,920	2,52,123	1,47,694	17,72,512	13,01,563	.....	29,845	3,63,625	87,565	49,576	21,97,233
1893-94	2,29,517	2,42,413	1,06,315	15,41,703	13,39,614	.....	37,500	3,30,272	88,015	52,476	21,[illegible],457
1894 95	2,11,621	2,47,771	1,14,144	16,67,335	13,70,168	.....	46,568	3,74,022	87,290	61,456	20,26,571
1895-96	1,99,317	2,40,990	1,15,991	17,31,317	13,75,234	.....	48,452	5,01,096	88,481	56,260	21,19,651
1896-97	1,99,641	2,48,159	1,07,654	15,55,649	14,09,867	.....	58,601	5,51,589	88,889	53,101	20,56,122
1897-98	2,14,792	2,50,488	1,18,508	16,10,387	15,86,633	.....	70,096	5,00,000	1,02,624	54,233	22,60,571
1898-99	2,10,380	2,57,182	1,09,076	14,19,617	16,89,174	.....	56,866	5,01,013	1,14,776	55,201	24,81,138
1899-1900	1,97,643	2,72,850	1,17,098	16,01,893	20,30,444	.....	66,034	5,00,000	1,11,990	54,997	23,40,269
1900-01	2,28,044	3,26,719	1,18,639	17,01,178	21,68,479	.....	75,929	5,02,455	1,11,930	58,977	25,03,311
1901-02	2,13,036	2,94,004	1,21,728	15,71,437	20,07,064	.....	56,440	5,00,022	1,12,513	57,000	26,56 575
1902-03	2,16,767	2,92,939	1,10 182	15,90,956	20,05,939	.....	68,852	5,97,504	1,10,474	56,290	27,11,361
1903-04	2,34,069	2,99,459	1 24,119	16,65,761	19,79,374	.....	57,487	5.00,381	1,12,858	54,625	29,18,564
1904-05	2,29,315	3,18,017	1,34 282	18,81,039	18,46,402	15,904	74,334	5,01,076	1,59,763	57,000	28,33,563
1905-06	2,43,603	3,24,580	1,23,986	19,54,844	19,91,160	19,269	71,778	5,00,000	1,61,420	57,606	29,82,971
1906-07	3,06,306	3,29,381	1,28,015	19,39,665	21,46,791	27,369	75,303	5,01,862	1,65,815	56,218	31,77,715
1907-08	2,59,564	3,66,403	1,69,574	21,17,200	22,87,706	31,328	74,395	1,38,456	2,65,350	4,50,151	32,26,943
1908-09	2,71,046	3,73,684	1,71,607	23,93,213	24,34,002	29,456	65,623	.....	2,76,685	4,64,535	32,98,247

* Combined with Controller's Office.

W. E. WAITE,
Chief Accountant.

No. 15 (A).

year 1865 to the year 1908-09.

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Road Improvement Fund.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	5 years' average annual expenditure.
.....	.....	5,10,250	.....	.....	.....	.....	1,17,345	49,59,333	1865	
.....	.....	82,059	.....	.....	.....	.....	1,25,240	36,01,922	1866	
.....	.....	2,70,545	.....	.....	.....	.....	1,46,623	42,16,346	1867	38,77,203
.....	.....	3,32,722	.....	.....	.....	.....	37,775	34,77,058	1868	
.....	.....	.....	.....	.....	.....	.....	42,665	31,31,358	1869	
.....	.....	.....	.....	.....	.....	.....	23,416	33,92,185	1870	
.....	.....	.....	.....	.....	.....	.....	53,213	38,04,661	1871	
.....	27,273	.....	.....	.....	.....	.....	(a) 1,57,333	31,15,888	1872	32,69,595
.....	11,857	.....	.....	.....	.....	.....	22,354	30,44,577	1873	
.....	14,473	.....	.....	.....	.....	.....	46,645	29,90,663	1874	
.....	18,282	.....	.....	.....	.....	.....	(b) 1,19,851	32,65,027	1875	
.....	21,638	.....	.....	.....	.....	.....	47,696	31,60,438	1876	
.....	20,221	.....	.....	.....	.....	.....	55,559	30,36,535	1877	31,68,669
.....	21,190	.....	.....	.....	.....	.....	71,103	32,70,224	1878	
.....	17,709	.....	.....	.....	.....	.....	51,791	31,11,122	1879	
.....	20,756	.....	.....	.....	.....	.....	44,321	30,57,992	1880	
.....	19,463	.....	2,50,000	.....	.....	.....	(c) 3,52,835	37,98,872	1881	
being changed to the financial year, the expenditure was :—										
.....	26,969	.....	50,000	19,000	.....	.....	38,740	47,53,632	1882-83	38,41,465
.....	20,263	.....	20,000	.....	.....	.....	33,934	37,15,812	1883-84	
.....	22,738	.....	801	.....	.....	.....	(d) 2,11,150	38,81,020	1884-85	
.....	23,864	.....	99,199	.....	.....	.....	98,226	40,66,940	1885-86	
.....	38,326	.....	49,779	.....	.....	.....	57,562	41,76,362	1886-87	
.....	42,123	.....	50,221	.....	.....	.....	32,436	58,12,690	1887-88	48,59,931
.....	48,939	.....	55,577	.....	.....	.....	(e) 1,12,356	52,01,258	1888-89	
.....	65,153	.....	24,459	.....	3,000	.....	58,553	50,42,405	1889-90	
.....	87,805	.....	28,907	.....	3,113	.....	1,85,807	56,84,861	1890-91	
.....	77,225	.....	27,905	.....	3,274	.....	2,07,780	57,82,073	1891-92	
.....	96,964	.....	.....	.....	3,386	.....	52,506	65,45,512	1892-93	62,69,972
.....	(f) 2,80,453	.....	.....	.....	5,64,872	.....	23,321	69,63,928	1893-94	
.....	93,969	.....	.....	.....	44,086	.....	28,485	63,73,486	1894-95	
.....	64,028	.....	.....	.....	1,46,180	.....	15,519	67,02,516	1895-96	
.....	60,312	.....	.....	.....	1,42,601	4,37,055	35,303	70,04,743	1896-97	
.....	71,447	.....	.....	.....	36,478	5,00,000	1,20,712	74,96,969	1897-98	71,87,147
.....	74,959	.....	.....	.....	37,425	—5,00,000	(g) { 8,12,546 / 19,673 }	73,39,026	1898-99	
.....	75,250	.....	.....	.....	35,316	— 43,694	32,385	73,92,480	1899-00	
4,74,605	69,870	.....	.....	.....	58,400	— 922	1,86,444	85,84,058	1900-01	
4,81,000	57,685	.....	.....	.....	59,259	.....	38,695	82,26,458	1901-02	
5,00,000	58,874	.....	.....	.....	58,136	.....	75,124	84,53,398	1902-03	84,57,384
3,50,000	67,422	.....	.....	.....	33,265	.....	34,006	84,31,390	1903-04	
2,00,000	66,092	.....	.....	.....	35,399	1,81,920	57,512	85,91,618	1904-05	
2,50,000	64,751	.....	.....	.....	39,377	2,26,538	(h) 3,62,359	93,74,242	1905-06	
3,00,000	64,735	.....	.....	.....	39,626	2,43,044	18,945	95,20,790	1906-07	
3,56,081	75,158	.....	.....	.....	44,445	1,95,517	1,30,930	1,01,89,201	1907-08	99,28,589 (4 years' average.)
4,50,000	92,905	.....	.....	.....	47,843	2,23,328	37,952	1,06,30,126	1908-09	

(a) Includes write-off for loss in stores of Rs. 1,45,993.
(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.
(c) Includes special adjustment of Rs. 3,24,827 for re-arranging the different loan funds.
(d) Includes loss of Rs. 1,84,774/- on the sale of the Panwell Brick Factory.
(e) Includes Rs. 62,048 by loss on sale of investments.
(f) Includes Rs. 1,94,565 for land acquired.
(g) Write-off on account of frontage lands in Agripada.
(h) Includes contribution of Rs. 3,00,000 towards celebrating the visit of T. R. H. the Prince and Princess of Wales.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 16.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1908-09.

YEAR.	Income.	Expenditure.	Difference. More.	Difference. Less.
	Rs.	Rs.	Rs.	Rs.
1865	23,63,787	49,59,333	.....	25,95,546
1866	29,14,672	36,01,922	.....	6,87,250
1867	30,40,524	42,16,346	.....	11,75,822
1868	38,52,674	34,77,058	3,75,616	.....
1869	33,93,226	31,31,358	2,61,868	.....
1870	33,07,749	33,92,185	.....	84,436
1871	28,71,160	38,04,661	.....	9,33,501
1872	30,48,331	31,15,888	.....	67,557
1873	33,24,108	30,44,577	2,79,531	.....
1874	29,81,322	29,90,663	.....	9,341
1875	31,43,526	32,65,027	.....	1,21,501
1876	31,77,723	31,60,438	17,285	.....
1877	32,41,452	30,36,535	2,04,917	.....
1878	31,45,153	32,70,224	.....	1,25,071
1879	33,41,174	31,11,122	2,30,052	.....
1880	32,51,870	30,57,992	1,93,878	.....
1881	38,73,694	37,98,872	74,822	.....
From 1st January 1882 to 31st March 1883 (15 months).	46,12,240	47,53,632	.....	1,41,392
1883-1884	37,37,272	37,15,812	21,460	.....
1884-1885	42,13,868	38,81,020	3,32,848	.....
1885-1886	44,73,973	40,66,940	4,07,033	.....
1886-1887	49,01,814	41,76,362	7,25,452	.....
1887-1888	51,66,530	58,12,690	.....	6.46,160
1888-1889	49,66,193	52,01,258	.....	2,35,065
1889-1890	53,42,169	50,42,405	2,99,764	.....
1890-1891	61,65,901	56,84,861	4,81,040	.....
1891-1892	62,33,183	57,82,073	4,51,110	.....
1892-1893	66,72,943	65,45,512	1,27,431	.....
1893-1894	67,62,695	69,63,928	.....	2,01,233
1894-1895	65,39,372	63,73,486	1,65,886	.....
1895-1896	67,61,710	67,02,516	59,194	.....
1896-1897	62,08,978	70,04,743	.....	7,95,765
1897-1898	71,45,560	74,96,969	.....	3,51,409
1898-1899	71,61,911	73,39,026	.....	1,77,115
1899-1900	88,29,817	73,92,480	14,37,337	.....
1900-1901	84,02,848	85,84,058	.....	1,81,210
1901-1902	77,66,729	82,26,458	.....	4,59,729
1902-1903	81,75,688	84,53,398	.....	2,77,710
1903-1904	84,82,625	84,31,390	51,235	.....
1904-1905	93,36,111	85,91,618	7,44,493	.....
1905-1906	90,92,539	93,74,242	.....	2,81,703
1906-1907	96,48,501	95,20,790	1,27,711	.....
1907-1908	98,89,324	1,01,89,201	.....	2,99,877
1908-1909	1,02,86,048	1,06,30,126	.....	3,44,078

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

REVENUE.

REPORT on the working of the Assessment and Collection Department for the year 1908-1909 by Anandrao W. Shete Esquire, Acting Assessor and Collector, forwarded with his No. 8800, dated 31st May 1909.

1. The total amount collected under all heads, exclusive of Tolls, miscellaneous receipts and fees, was Rs. 66,01,970-8-10 against the estimate of Rs. 63,86,068, a difference of Rs. 2,15,902-8-10 detailed as under :—

Taxes.	Estimate.	Actual collections, including adjustments.	Increase.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	32,60,000 0 0	33,10,097 1 6	50,097 1 6
*Water Tax	18,23,500 0 0	19,49,857 9 11	1,26,357 9 11
Halalkhor Tax	10,85,000 0 0	11,25,165 4 0	40,165 4 0
Wheel Tax (Private)	2,17,568 0 0	2,16,850 9 5	—717 6 7
Total ...	63,86,068 0 0	66,01,970 8 10	2,15,902 8 10

* Exclusive of meter hire and receipts by the Deputy Executive Engineer, Water Works.

2. As compared with the total collections for 1907-1908, *i.e.*, Rs. 62,99,584-5-2, the collections for 1908-1909, *viz.*, Rs. 66,01,970-8-10, are more by Rs. 3,02,386-3-8.

3. On the 31st March 1909, the outstandings for property taxes, charges for water by meter and wheel tax (Private) were Rs. 1,33,550-2-6 against Rs. 98,500-0-1 on 31st March 1908, of which Rs. 45,121-4-2 have been collected or adjusted up to 24th May 1909, leaving at that date Rs. 88,428-14-4 for recovery for all previous years. Out of this sum Rs. 61,966-3-10, are in dispute on account of valuations, water supply by meter, &c., whilst Rs. 140-2-7 are irrecoverable.

4. Properties in the Assessment Book on the 31st March 1909 were as under :—

Buildings	37,007
Salt pans	119
Lands, (including tanks, wells, &c.)	22,191
Total ...	59,317

Of this number 48,351 were assessed for the General Tax, 3,419 were exempted under Section 143 (1) (*a*) (*b*) of the Municipal Act, and 7,547 were not charged the General Tax, being small plots of waste lands, houses marked "Unfit for human habitation", the assessments of which were temporarily reduced to a nominal value of Rs. 6, for which no bills were issued.

5. The number of buildings newly erected, demolished and enlarged in 1908-1909 was 1,265, 975 and 439 respectively.

6. The Assessments of Properties contrasted with those of 1907-1908 were :—

A

Year.	Original Assessment (Gross).	Amount after disposal of complaints.		Amount of subsequent reduction during the year by demolitions and on complaints.	Gross amount after deduction of subsequent reduction.	Subsequent enhancement (new buildings, enlargements and under Assessments) (Gross).	Total Gross Assessment.	Increase (Final difference over preceding year's Gross Assessment.)	Rateable Assessment.	Classification of Rateable Assessment.			
		No. of complaints against opening Assessment.	Gross Assessment.							Chargeable with General Tax.	Exempted from General Tax, Section 143 (1) (*a*) (*b*).	For which no General Tax Bills issued.	Total Rateable Assessment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1907-08	4,31,49,092	3,674	4,34,10,146	6,18,737	4,27,91,409	14,88,531	4,42,79,940	28,31,039	3,98,64,747	3,77,99,032	20,49,457	16,258	3,98,64,747
1908-09	4,57,93,718	4,576	4,60,63,206	9,36,731	4,51,26,475	17,49,291	4,68,75,766	25,95,826	4,22,01,034	4,00,55,750	21,30,188	15,096	4,22,01,034

7. There were 3,983 complaints against Assessments made from the 1st April and 593 complaints against Assessments made during the currency of the year making a total of 4,576 complaints against 4,288 complaints in 1907-1908 :—

8. The following tables give the increases and decreases in property taxes levied as compared with those of 1907-1908.

General Tax.

B.

1907-1908.				1908-1909.				Increase (Difference between columns 4 and 8).
8⅜ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by Port Trustees under Section 145 (3).	Total of columns 1, 2 and 3	8⅜ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by Port Trustees under Section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 28,32,507 6 11	Rs. a. p. 1,16,638 0 0	Rs. a. p. 2,16,501 0 0	Rs. a. p. 31,65,646 6 11	Rs. a. p. 30,21,493 6 8	Rs. a. p. 1,16,638 0 0	Rs. a. p. 2,16,501 0 0	Rs. a. p. 33,54,632 6 8	Rs. a. p. 1,88,985 5 9

The amount of General Tax on properties exempted from its payment under Section 143 (1) (*a*) (*b*) is Rs. 1,78,403-4-0 against Rs. 1,71,642 in 1907-1908.

Water Tax.

C.

1907-1908.				1908-1909.				Difference.			
On rateable value at 3½ per cent.	Compounded.	On meter measurement.	Total of columns 1, 2 and 3.	On rateable value at 3½ per cent.	Compounded.	On meter measurement.	Total of columns 5, 6 and 7.	On rateable value (Increase.)	Compounded. (Increase.)	On meter measurement. (Increase).	Increase. (Difference between columns 4 and 8).
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 8,17,468 1 8	Rs. a. p. 7,565 4 3	Rs. a. p. 10,49,329 6 3	Rs. a. p. 18,74,362 12 2	Rs. a. p. 8,83,366 0 11	Rs. a. p. 9,377 10 11	Rs. a. p. 10,70,224 0 10	Rs. a. p. 19,62,967 12 8	Rs. a. p. 65,897 15 3	Rs. a. p. 1,812 6 8	Rs. a. p. 20,394 10 7	Rs. a. p. [88,105 0 6

Halalkhor Tax.

D.

1907-1908.			1908-1909.			Increase (Difference between columns 3 and 6.)
On rateable value at 3 per cent.	On special service.	Total of columns 1 and 2.	On rateable value at 3 per cent.	On special service.	Total of columns 4 and 5.	
1	2	3	4	5	6	7
Rs. a. p. 8,77,368 2 1	Rs. a. p. 1,73,397 11 1	Rs. a. p. 10,50,765 13 2	Rs. a. p. 9,47,931 10 1	Rs. a. p. 1,85,866 3 5	Rs. a. p. 11,33,797 13 6	Rs. a. p. 83,032 0 4

9. The total demand on account of property taxes amounted to Rs. 64,51,398-0-10 (including Government and Port Trust) to which is to be added Rs. 35,661-11-10 on account of previous years, making a total of Rs. 64,87,059-12-8 from which sum Rs. 28,050-3-11 were allowed as ⅕th Drawback of the General Tax under Section 158 (*2*) of the Act. The total number of claims for ⅕th Drawback aggregated 8,851.

10. For these taxes 466 bills for Rs. 35,661-11-10 were issued for previous years and for 1908-1909, 80,107 bills for Rs. 60,90,208-12-11 (excluding Government and Port Trust for which no bills are issued, the amounts being paid direct into the Chief Accountant's Office), making a total of 80,573 bills for Rs. 61,25,870-8-9.

11. The outstanding balance for property taxes for all years on 31st March 1908 was Rs. 95,515-12-6. During 1908-1909 bills for these taxes amounting to Rs. 61,25,870-8-9 were issued. Government and Port Trust paid Rs. 3,33,139 (Rs. 1,16,638 and Rs. 2,16,501). Thus the total demand amounted to Rs. 65,54,525-5-3.

12. Of this amount Rs. 63,85,119-15-5 were collected, *i.e.*, Rs. 79,144-10-1 for former years and Rs. 63,05,975-5-4 for 1908-1909, leaving uncollected the sum of Rs. 1,69,405-5-10. Deducting from this amount Rs. 38,404-15-6 on account of bills recalled and cancelled, it leaves Rs. 1,31,000-6-4 outstanding on 31st March 1909.

13. The outstandings on 31st March 1909 were Rs. 13,627-14-9 on account of former years and Rs. 1,17,372-7-7 for 1908-09, making a total of Rs. 1,31,000-6-4.

14. *Tax on Vehicles and Animals.*—The demand on account of the tax on private vehicles and animals for the four quarters ending 31st December 1908, was Rs. 2,17,044-9-0 against Rs. 2,18,462-15-0 for 1907 ; to the first sum are to be added Rs. 2,984-3-7 outstanding on 31st March 1908 and amended demand aggregating Rs. 260-2-0 for former years, making a total of Rs. 2,20,288-14-7 for recovery. 19,734 bills were issued and the amount collected was Rs. 2,16,850-9-5 leaving Rs. 3,438-5-2 uncollected of which Rs. 100-6-0 were written off under the Standing Committee's Resolutions Nos. $\frac{31}{\text{1st April 1908,}}$ $\frac{1898}{\text{17th June 1908,}}$ and $\frac{4938}{\text{11th November 1908}}$ Rupees 788-3-0 were on bills recalled, amended bills being issued, making a total of Rs. 888-9-0 which deducted from Rs. 3,438-5-2, leaves Rs. 2,549-12-2 outstanding at the end of the year.

15. During the year there were taxed 4,373 four-wheeled vehicles, (including 379 Motor Cars), 1,382 two-wheeled vehicles, 837 vehicles not drawn by horses, 719 cycles, 7,532 horses (including those in commission stables), 178 ponies, 1,827 bullocks and 1 mule.

16. The following table shows the total demands, collections and balances on account of property taxes and tax on private vehicles and animals :—

E

Year.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and bills recalled for amendment.	Collections.	Outstanding Balance on 31st March 1909.
	Opening outstanding Balance.	Demand assessed for the year and for former years.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1908-09	98,500 0 1	66,76,314 3 9	67,74,814 3 10	39,293 8 6	66,01,970 8 10	1,33,550 2 6

17. The miscellaneous receipts for notices, warrants, battaki fees and other small items amounted to Rs. 5,627-7-2 against Rs. 5,835-5-3 in 1907-1908. The receipts for meter hire were Rs. 29,759 against Rs. 20,871-14-1 in 1907-1908.

18. Certificates of refund of taxes for 1908-1909 and for former years were issued as under :—

	Rs.	a.	p.
General tax	18,224	8	3
Water tax	7,498	5	10
Halalkhor tax	7,488	8	11
Wheel tax	27	6	0
Meter hire	109	5	11
Notice fee	0	8	0
Total Rs. ...	33,348	10	11

19. There were 14 Appeals to the Chief Judge of the Small Causes Court, of which 12 were settled out of Court and withdrawn by the Appellants, and 2 are pending.

20. The right of collecting the Toll at the Mahim and Sion Causeways was sold in 1908-1909 for Rs. 22,000, (from 1st August 1908 to 31st July 1909) against Rs 23,700 in 1907-1908. The total income in 1908-1909 under this head was Rs. 22,566-10-8 against Rs. 22,736-10-8 in 1907-1908.

A. W. SHETE,
Ag. Assessor and Collector.

No. 1437 of 1909.

BOMBAY MUNICIPALITY, *1st July 1909.*

FROM

SORABJI BOMANJI MASTER, ESQ.,

REVENUE AND REFUND AUDIT OFFICER.

To

W. D. SHEPPARD, ESQUIRE, I.C.S.,

MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

SIR,

I HAVE the honour to submit the Annual Administration Report of the Revenue and Refund Audit Department for the official year 1908-1909.

I.—REVENUE AUDIT.

I.—ASSESSOR AND COLLECTOR'S DEPARTMENT.

(*a*) *Ward Office.*

2. The balances and books of the 81 Ward Clerks in the seven Wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix A.

3. 37,445 bills for Rs. 24,77,205-12-5 were duly checked in detail with the Ward Office Bill Book, Form 16, (every entry in which was subjected to scrutiny) and in totals which were themselves tested with the book kept under para. 9 at page 155 of the Manual which is practically the Ward Clerk's ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in details and in totals, respectively.

(*b*) *Head Office.*

4. The Assessment Book in both its parts, one for the General Tax and the other for the Water and Halalkhor Taxes, was duly examined, and the exemptions from the payment of the General Tax, the Water Tax and the Halalkhor Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped assessment.

5. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the Quarterly Return of the Ward Superintendents, where necessary, also with the owner's returns under Section 187, and with the charges made for the preceding quarters. Appendix B, gives the details for each Ward.

6. As the year recognized by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on Public Land Conveyances licensed by the Commissioner of Police under the Act, was also audited for the twelve months from 1st January to 31st December 1908, the certificates of issue of licenses supplied by that officer under arrangements made with him having been duly checked with the Register kept by the Chief Accountant. The following table shows the work done :—

Description of Public Land Conveyances.	Number of Certificates or Vouchers.	Amount of Revenue, including Fees for Licenses, Badges, &c.		
		Rs.	a.	p.
Victorias	2,990	1,02,538	0	0
Riding Hackeries	197	3,054	0	0
Labour Carts	9,849	1,27,501	14	0
Total ...	13,036	2,33,093	14	0

7. The right of collecting the toll, leviable under Section 190 of the Act, on vehicles entering the City from Salsette, is farmed every year for twelve months on the 1st of August, and in pursuance of the conditions of sale, the toll farmer concerned during the year of report supplied a monthly statement of the number of vehicles on which the toll was levied. The statement was checked every month with the counterfoils of ticket books and with the toll register, kept by the toll farmer in the prescribed form at the respective chowkies on the Sion and Mahim Causeways. The work done is shown in the following table :—

Month.	At Sion.		At Mahim.		Total.	
	No. of Carts.	Amount.	No. of Carts.	Amount.	No. of Carts.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
March 1908	7,981	997 10 0	8,544	1,068 0 0	16,525	2,065 10 0
April „	7,458	932 4 0	8,511	1,063 14 0	15,969	1,996 2 0
May „	8,598	1,074 12 0	9,936	1,242 0 0	18,534	2,316 12 0
June „	4,938	617 4 0	5,952	744 0 0	10,890	1,361 4 0
July „	2,410	301 4 0	2,524	315 8 0	4,934	616 12 0
August „	8,259	1,032 6 0	4,360	545 0 0	12,619	1,577 6 0
September „	12,807	1,600 14 0	5,568	696 0 0	18,375	2,296 14 0
October „	11,526	1,440 12 0	7,232	904 0 0	18,758	2,344 12 0
November „	6,402	800 4 0	7,050	881 4 0	13,452	1,681 8 0
December „	6,480	810 0 0	8,040	1,005 0 0	14,520	1,815 0 0
January 1909	8,028	1,003 8 0	8,690	1,086 4 0	16,718	2,089 12 0
February „	6,928	866 0 0	8,604	1,075 8 0	15,532	1,941 8 0
Total ...	91,815	11,476 14 0	85,011	10,626 6 0	176,826	22,103 4 0

8. Appendix C shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1908-1909.

9. All the alterations in the rateable value and in demand made through the increase and decrease forms were duly checked with the Tabulated Ward Reports (Form 13) which contained your orders as to such alterations and with your separate sanctions recorded in the Audit Note Book kept in this office.

10. The number of complaints against valuations under Section 163 of the Act heard by me was ; 216 A Ward—Fort and Colaba, 502 C Ward—Bhuleshwar, 88 F Ward—Parel, and 253 G Ward—Mahim. The total number of decisions on complaints against amendments under Section 167 of the Act, which were scrutinized by this office amounted to 470 from all the seven Wards of the City.

11. Eleven irrecoverable bills for Rs. 70-6-0 as per details given in the subjoined table were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act :—

Ward.	Number of Bills.	Amount.	
		Tax of Vehicles and Animals.	Total.
		Rs. a. p.	Rs. a. p.
A	4	11 0 0	11 0 0
B	3	31 10 0	31 10 0
C	3	16 12 0	16 12 0
G	1	11 0 0	11 0 0
Total ...	11	70 6 0	70 6 0

The Standing Committee sanctioned their being written off in their Resolutions Nos. 1898, and 4938, dated the 17th June 1908 and 11th November 1908, respectively.

12. The demands, collections and balances at the close of the year as duly audited in the manner contemplated by the manual, are summarized below :—

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Total demands ...	37,15,572 1 11	21,01,000 8 4	12,59,316 0 8	2,23,540 13 7	72,99,429 8 6
II.—Deduct bills recalled which were either cancelled, or for which amended bills were issued.	3,45,682 12 7	1,06,704 9 5	1,07,380 15 2	4,070 2 0	5,63,838 7 2
III.—Net demand for collection.	33,69,889 5 4	19,94,295 14 11	11,51,935 1 6	2,19,470 11 7	67,35,591 1 4
IV.—(a) Collection paid into the Treasury including departmental adjustments.	33,10,097 1 6	19,49,857 9 11	11,25,165 4 0	2,16,850 9 5	66,01,970 8 10
(b) Irrecoverable bills written off.	.....	.....	.....	70 6 0	70 6 0
(c) Balance at the close of the year.	59,792 3 10	44,438 5 0	26,769 13 6	2,549 12 2	1,33,550 2 6
Total of IV ...	33,69,889 5 4	19,94,295 14 11	11,51,935 1 6	2,19,470 11 7	67,35,591 1 4

13. The collections were checked with the totals of the Chief Accountant under each head and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1909. They were found to be correct.

Engineer's Department.

14. The revenue books kept in the General, Streets and Buildings, Water Works and Drainage Branches of the Executive Engineer's Office were duly checked each month with the permits, receipts, vouchers and other papers supporting the several entries therein, the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined was 9,081 representing Rs. 2,45,274-4-0.

Health Department.

15. The revenue books kept in the Health Office, as well as those kept in the seven Deputy Health Officers' Offices from A to G, were duly checked each month with the receipts, vouchers and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the various books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The number of vouchers examined was 24,763 representing Rs. 96,540-11-11.

Licensing Department.

16. The number of licenses for 1908-09, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Act, for the several purposes mentioned in Schedule M (*vide* Appendix G to the Annual Report for 1899-1900) was 7,202 and brought in a revenue of Rs. 85,564-8-0. Each of these 7,202 cases passed through this office and was duly scrutinized, particularly with reference to the amount of fee leviable. The Register of the Superintendent of Licenses and the counterfoils of the several license books were also checked with the Audit Note Book kept in this office in accordance with Commissioner's No. 3176 of the 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury.

Markets and Slaughter Houses.

17. The Register and Accounts kept for the different Markets (including the Parbhadevi and Elphinstone Road Markets which have been opened from the 1st and 16th July last respectively) and Bandora Slaughter Houses were duly checked with the counterfoils of receipts issued to stall-holders, etc., and with the other vouchers available. The total number of vouchers examined was 8,599 representing Rs. 4,76,455-8-3, which amount appeared duly paid into the Municipal Treasury.

Victoria Gardens.

18. The revenue books kept in the office of the Superintendent of Gardens were duly checked with the counterfoils of receipts issued for the sale of garden produce as well as with the counterfoils of tickets issued for the Elephant rides in the Victoria Gardens. The number of vouchers examined was 18,558 representing Rs. 9,109-2-1, which amount appeared duly paid into the Municipal Treasury.

Rent Bills against the Telephone and Tramway Companies.

19. The audit in connection with these bills, which hitherto used to be made by the Chief Accountant, is done in this office since 1906-1907.

General.

As the monthly or quarterly audit of the several departments proceeded, the errors, irregularities or omissions, which were discovered in the course of it, were brought to the notice of the Heads of Departments concerned by means of official communications addressed to them through the Commissioner. Ground rent in respect of Wooden Police Chowkies, standing on Municipal ground has not yet been received from the Commissioner of Police for the year under report and also for the Telephone wires for the calendar year 1908.

H.—REFUND AUDIT.

I. Assessment Audit.

The subjoined table shows the number and amount of claims to refund on account of vacancy under Sections 174 to 179 of the Act and on account of over collections which were scrutinized and sanctioned by this office in the year under report :—

Ward.	Number of claims.	Amount of refund sanctioned.
		Rs. a. p.
A. Fort and Colaba	169	5,441 15 1
B. Mandvi	154	3,337 9 8
C. Bhuleshwar	211	3,693 9 5
D. Girgaum	144	3,169 15 2
E. Byculla	93	1,494 2 1
F. Parel	58	1,212 0 0
G. Mahim	45	1,137 13 6
Properties owned by the City Improvement Trust	1,738	13,931 8 5
Total ...	2,612	33,418 9 4

The sum of Rs. 33,418-9-4, shown in the above table, was sanctioned under the following Heads of Revenue :—

Heads of Revenue.	Amount.		
	Rs.	a.	p.
General Tax	18,270	7	9
Water Tax	7,531	15	9
Halalkhore Tax	7,512	15	10
Vehicle and Animal Tax	27	6	0
Meter Hire	75	12	0
Total Rs. ...	33,418	9	4

II.—Town Duty Refunds.

As the Port Trustees and the two Railway Companies send in no Administration Reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this Office to submit the two statements, Appendices D and E, compiled, in so far as the gross collections are concerned, from figures supplied by the Chief Accountant. The following table compares the total results for the year under report with those for the previous year:—

Year.	Gross Revenue.			Total Refunds.			Net Revenue.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p
1907-1908	29,00,764	6	8	15,85,221	2	0	13,15,543	4	8
1908-1909	27,26,192	8	10	14,03,010	9	0	13,23,181	15	10

The rates of duty were the same as in the previous year.

The variations in the collections, refunds and net revenue under the heads of the different articles, compared with the previous year, are too unimportant to need special notice, except those under the head of sugar. The trade in this commodity was rather slack both on its import and export sides, so that a falling off of Rs. 1,53,444 in the collections was almost met by a decrease of Rs. 1,41,926 in the refunds, the net realization having, in consequence, suffered the slight diminution of Rs. 11,518. The total net revenue from all articles together shows a satisfactory increase of Rs. 7,638 over the preceding year.

A whole quinquennium has now passed away since the Municipal check over exports by rail was organized; the net revenue from Town Duties has, during this period, averaged Rs. 13,10,829 per annum as shown in the margin (being exclusive of firewood, the duty on which was abolished from the year 1907-08), while the average of the previous quinquennium stood at Rs. 11,09,063 (this is taken from Appendix F to the Annual Report of this office for 1905-1906, firewood being excluded from this figure also); and the increased figure of revenue is now freely adopted as the basis of the Annual Budget Estimate of the revenue from Town Duties. These circumstances, it will I trust be conceded, now finally remove from the pale of controversy the question of the permanent character of this enhancement of over 2 lacs annually in this source of Municipal income.

	Rs.
1904-1905	14,69,956
1905-1906	11,29,843
1906-1907	13,15,635
1907-1908	13,15,529
1908-1909	13,23,181
Total Rs.	65,54,144
Average „	13,10,829
Average of the 5 years preceding 1904-05 „	11,09,063
Average Annual gain since 1904-05 „	2,01,766

The number of refund claims dealt with in the year under report was 45,783 against 46,037 in the previous year.

Conclusion.

In addition to the above, the office had to deal with correspondence of all departments affecting revenue which passes through this office, and with questions of principle relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which were respectively 7,416 and 5,985 in the year under report.

I have the honour to be,

Sir,

Your most obedient servant,

S. B. MASTER,

Revenue and Refund Audit Officer.

Appendix A.

STATEMENT of Balances examined Quarterly during 1908-1909.

No. of Ward Clerks.	Ward.	Balances examined on 1st April 1908.		Balances examined on 1st July 1908.		Balances examined on 1st October 1908.		Balances examined on 4th January 1909.		Total Balances examined during the year.	
		Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
16	A—Fort and Colaba	779	45,039 11 3	6,295	5,44,947 2 4	1,105	66,866 15 1	4,837	5,04,134 8 8	13,016	11,60,988 5 4
11	B—Mandvi	223	18,076 13 6	3,064	2,39,537 12 2	261	19,272 3 4	2,575	2,26,398 15 7	6,123	5,03,285 12 7
14	C—Bhuleshwar...	264	14,491 13 9	2,244	1,33,869 12 6	237	14,635 1 7	1,913	1,28,602 9 7	4,658	2,91,599 5 5
11	D—Girgaum	206	5,897 3 6	2,044	89,971 13 6	254	9,029 15 0	1,735	83,305 4 2	4,239	1,88,204 4 2
13	E—Byculla	208	10,089 1 6	1,475	87,077 9 6	233	13,539 3 10	1,202	76,670 10 1	3,118	1,87,376 8 11
8	F—Parel	90	1,187 0 9	1,264	31,847 11 0	237	4,823 6 2	1,163	47,494 15 2	2,754	86,053 1 1
8	G—Mahim	201	3,297 15 10	1,671	29,932 3 9	236	2,909 8 1	1,429	23,558 11 3	3,537	59,698 6 11
81	Total ...	1,971	98,779 12 1	18,057	11,57,184 0 9	2,563	1,31,076 5 1	14,854	10,90,165 10 6	37,445	24,77,205 12 5

Appendix B.

STATEMENT of Entries in the Vehicle and Animal Tax Books checked during 1908-1909.

Wards.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
A	1,130	1,230	1,306	1,438	5,104
B	707	756	787	831	3,081
C	973	1,037	1,098	1,170	4,278
D	1,259	1,447	1,526	1,657	5,889
E	708	757	813	879	3,157
F	369	485	496	1,016	2,366
G	289	312	329	369	1,299
Total ...	5,435	6,024	6,355	7,360	25,174

Appendix C.

STATEMENT of 1/5 Drawback scrutinized during 1908-1909.

Wards.	1st half of 1908-1909.		2nd half of 1908-1909.		Total.	
	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.
A	885	327	718	283	1,603	610
B	599	197	567	211	1,166	408
C	845	235	846	280	1,691	515
D	502	147	433	162	935	309
E	1,072	434	1,038	481	2,110	915
F	317	143	297	120	614	263
G	387	143	366	160	753	303
Total ...	4,607	1,626	4,265	1,697	8,872	3,323

Appendix D.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1907-1908 and 1908-1909.

Name of Article.	COLLECTIONS.				REFUNDS.								NET REVENUE.			
	1907-1908.	1908-1909.	Increase in 1908-1909.	Decrease in 1908-1909.	1907-1908.			1908-1909.			Increase in 1908-1909.	Decrease in 1908-1909.	1907-1908.	1908-1909.	Increase in 1908-1909.	Decrease in 1908-1909.
					On account of Exports.	On account of Articles supplied to Government.	Total.	On account of Exports.	On account of Articles supplied to Government.	Total.						
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain @ As. 4 per Candy.	4,60,517 2 0	4,36,180 10 0	5,663 8 0	.....	1,69,796 14 0	.....	1,69,796 14 0	1,43,794 8 0	.....	1,43,794 8 0	.....	26,002 6 0	2,70,018 4 6	3,06,235 6 3	36,217 1 9	.....
Flour @ As. 3 per Candy.	643 3 6	1,156 1 3	512 13 9	.....	21,345 3 0	.....	21,345 3 0	17,306 13 0	.....	17,306 13 0	.....	4,038 6 0				
Sugar @ As. 8 per Cwt...	16,49,633 1 6	14,96,188 11 6	.....	1,53,444 6 0	12,76,196 9 0	.....	12,76,196 9 0	11,34,270 12 0	.....	11,34,270 12 0	.....	1,41,925 13 0	3,73,436 8 6	3,61,917 15 6	.....	11,518 9 0
Wines and Spirits @ As. 4 per Impl. Gallon ...	2,73,655 0 4	2,51,471 5 10	.....	22,183 10 6	22,300 6 0	.....	22,300 6 0	21,511 9 0	.....	21,511 9 0	.....	788 13 0	2,51,354 10 4	2,29,959 12 10	.....	21,394 13 6
Beer @ pies 6 per Impl. Gallon	51,899 13 0	32,933 9 3	.....	18,966 3 9	36,833 2 0	.....	36,833 2 0	24,580 5 0	.....	24,580 5 0	.....	12,252 13 0	15,066 11 0	8,353 4 3	.....	6,713 6 9
Ghee @ As. 10 per B'bay Maund	2,77,490 14 0	2,79,579 13 1	2,088 15 1	.....	24,186 2 0	.....	24,186 2 0	27,834 1 0	.....	27,834 1 0	3,647 15 0	.....	2,53,304 12 0	2,51,745 12 1	.....	1,558 15 11
Timber @ 2½ per cent. on Market Value	1,86,911 14 4	1,98,682 5 11	11,770 7 7	.....	34,562 14 0	.....	34,562 14 0	33,712 9 0	.....	33,712 9 0	.....	850 5 0	1,52,349 0 4	1,64,969 12 11	12,620 12 7	.....
Firewood @ Anna 1 per Candy	13 6 0	.....	.....	13 6 0	.....	.....	.....	.....	.....	.....	.....	.....	13 6 0	.....	.....	13 6 0
			20,035 12 5	1,94,607 10 3							3,647 15 0	1,85,858 8 0			48,837 14 4	41,199 3 2
				20,035 12 5								3,647 15 0			41,199 3 2	.....
Total Rs. ...	29,00,764 6 8	27,26,192 8 10	.....	1,74,571 13 10	15,85,221 2 0	.....	15,85,221 2 0	14,03,010 9 0	.....	14,03,010 9 0	.....	1,82,210 9 0	13,15,543 4 8	13,23,181 15 10	7,638 11 2	.....

Appendix E.

STATEMENT contrasting the Imports, Exports and Balance of the several Articles subject to Town Duty during the year 1908-1909 with those for 1907-1908.

Name of Article.		IMPORTS.				EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
						1907-1908.			1908-1909.								
		1907-1908.	1908-1909.	Increase in 1908-1909.	Decrease in 1908-1909.	Exports.	Supply to Government.	Total.	Exports.	Supply to Government.	Total.	Increase. in 1908-1909.	Decrease in 1908-1909.	1907-1908.	1908-1909.	Increase in 1908-1909.	Decrease in 1908-1909.
Grain @ As. 4 per Candy	Candies..	18,42,068	18,64,722	22,654	.....	6,79,187	.....	6,79,187	5,75,178	.....	5,75,178	.....	1,04,009	10,15,666	11,74,695	1,59,029	.....
Flour @ As. 3 per Candy	"	3,430	6,165	2,735	.....	1,13,841	.....	1,13,841	92,303	.....	92,303	.....	21,538				
Sugar @ As. 8 per Cwt.	Cwts. ...	32,99,266	29,92,377	.....	3,06,889	25,52,393	.....	25,52,393	22,68,541	.....	22,68,541	.....	2,83,852	7,46,873	7,23,836	.....	23,037
Wines and Spirits @ As. 4 per Impl. Gallon ...	Gallons...	10,94,620	10,05,885	.....	88,735	89,201	.....	89,201	86,046	.....	86,046	.....	3,155	10,05,419	9,19,839	.....	85,580
Beer @ pies 6 per Impl. Gallon ...	"	16,60,794	10,53,874	.....	6,06,920	11,78,660	.....	11,78,660	7,86,570	.....	7,86,570	.....	3,92,090	4,82,134	2,67,304	.....	2,14,830
Ghee @ As. 10 per B'bay Md. ...	Maunds..	4,43,985	4,47,327	3,342	.....	38,698	.....	38,698	44,534	.....	44,534	5,836	.....	4,05,287	4,02,793	.....	2,494
Timber @ 2½ per cent. on Market Value	Value Rs.	74,76,476	79,47,294	4,70,818	.....	13,82,515	.....	13,82,515	13,48,502	.....	13,48,502	.....	34,013	60,93,961	65,98,792	5,04,831	.....
Firewood @ Anna 1 per Candy ...	Candies..	214	.....	.....	214	.....	.....	.....	.....	.....	.....	.....	.....	214	.....	.....	214

PUBLIC WORKS.

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Note.—The report on Public Works—**A** to **J**—is by B. H. Hewett, Esq., A.M.I.C.E., Acting Executive Engineer, Municipality, forwarded with his letter No. G 4386 dated the 18th June 1909.

The report on the Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 228, dated the 3rd May 1909.

The report on Gardens—**L**—is by C. D. Mahaluxmiwalla, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 468, dated the 31st May 1909.

The report on the Victoria and Albert Museum—**M**—is by the Curator and Secretary, forwarded with his letter No. 75, dated the 21st May 1909.

No. 4386-G of 1909-1910.

Executive Engineer's Office,

Bombay, 18*th June* 1909.

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Sir,

I have the honour to forward herewith the Administration Report of the Department under my control for the year 1908-09 as requested in your No. 162, dated the 2nd April 1909.

2. The report is divided under the following heads :—

	Paras.
A—Introductory Remarks	3 to 13
B—New Works, &c., General	14 to 93
C—Drainage Loan Works	94 to 123
D—Drainage Ordinary Works	24 to 155
E—Water Works (including the work done by the Special Officer and his staff)	156 to 221
F—Regulations of Streets and Buildings	222 to 233
G—Roads, Footpaths &c.	234 to 265
H—Public Lighting	266 to 270
I—Workshops, the Municipal Office Lift Service, Steam Meat Van Service, and Pumping Compressor and Ejector Stations	271 to 329
J—General—Important subjects reported upon, Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations and Municipal Servants' Act	330 to 350

A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. Mr. JOSEPH HALL, M. Inst. C.E., M.I. Mech. E., &c., held the post of Executive Engineer, Municipality, throughout the year and was assisted by the following Officers in conducting the duties of the different Branches of this Department :—

4. Mr. NICHOLAS MAUGHAN, A.M. Inst. C.E., assisted by Messrs. DINSHA DADABHAI DARUWALA, L.C.E., A.M. Inst. C.E., M.R. San. I. and FRAMJI JAMSHEDJI BILIA, L.C.E., A.M. Inst. C.E.I., Assistant Engineers, Drainage, was in charge of the Drainage Branch during the year.

5. Mr. MAUGHAN was on three months' privilege leave from the 25th May 1908. Mr. DINSHA DADABHOY DARUWALA was placed in charge of the duties of the Deputy Executive Engineer, Drainage, in addition to his own as Assistant Engineer, Drainage, Loan Works, during Mr. MAUGHAN'S absence on leave for the said period.

6. Mr. ARTHUR E. SHERRING, assisted by Mr. NASSARWANJI DORABJI BHADA, L.C.E., A.M.I.C.E., Assistant Engineer, was in charge of the Water Works Branch up to the 3rd July 1908.

7. On the termination of his appointment as Deputy Executive Engineer, Water Works, Mr. SHERRING was granted privilege leave for 4 months and 22 days from the 4th July 1908 in accordance with the terms of his agreement with the Municipality and Mr. NASSARWANJI DORABJI BHADA was appointed to act as Deputy Executive Engineer, Water Works, from that date, and pending the appointment of a permanent Engineer for the Water Works Branch, Mr. BHADA continued to hold this acting appointment up to the close of the year.

8. I was in charge of the Mechanical Branch and supervised the working, repairs and maintenance of the Love Grove Pumping Station, the Compressor Stations at Love Grove and Colaba, the Ejector Stations, the Municipal Workshops, the Electric Light Installation, &c.

9. Mr. KAIKHASHRU PESTANJI BHEDWAR, L.C.E., Assistant Engineer, General Branch, was in charge of the Road Branch. H assisted the Executive Engineer in framing reports and in the supervision of new works in the General Branch of this Department.

10. Mr. NOWROJI HORMASJI KATRAK, L.C.E., A.M.I.C.E., Mr. HARI BHIKAJI BHANDARE, L.C.E., and Mr. MUNCHERJI EDULJI JOSHI, L.C.E., Divisional Superintendents, assisted the Executive Engineer in matters connected with Streets and Buildings.

11. Mr. HARI BHIKAJI BHANDARE was granted privilege leave for two months and 21 days from 3rd February 1909 and Mr. ATMARAM BHASKAR VAIDYA, L.C.E., was appointed to act for him.

12. The amalgamation of the House Improvement Branch with the Streets and Buildings Branch and the separation of the Road and Building Branches having been sanctioned by the Standing Committee under their Resolution No. 1040, dated the 29th April 1908, Mr. NASARWANJI D. MISTRI, L.C.E., was appointed as fourth Divisional Superintendent and Mr. AMRUTLAL V. THACKER as Superintendent of Roads with effect from the 1st January 1909.

13. Mr. MANGALRAO RAMJI MHATRE, Architectural Surveyor continued to hold the post of Architectural Surveyor and supervised the preparation of plans and estimates and superintended the construction of new buildings and the maintenance of existing buildings during the year. He also assisted the Executive Engineer in the execution of works carried out by the General Branch in connection with the erection of temporary Health Camps and other measures for the suppression of Plague.

B.

NEW WORKS, &c.

14. Subjoined is a list of new works, each costing over Rs. 3,000. They are divided as follows :—

(*a*) Those completed during previous years, the accounts of which were adjusted during the year under report; (*b*) those which were in progress at the beginning of the year and completed during the year; (*c*) those which were commenced and completed during the year; (*d*) those which were commenced, but not completed during the year; and (*e*) those which have been sanctioned, but not proceeded with or postponed for want of funds or other reasons.

List of NEW WORKS, EACH COSTING OVER Rs. 3,000.

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMPLETED DURING THE PREVIOUS YEARS, AND THE YEAR UNDER REPORT, THE ACCOUNTS OF WHICH WERE ADJUSTED DURING THE YEAR.				
	Buildings.				
1	Adding a storey over the existing D Ward Office of the Streets and Buildings Branch for the use of the Assessment Ward Office at Gamdevi.	4,817 0 0	4,776 4 1	.....	1st Dec. 1907.
2	Construction of a Smallpox Ward at Arthur Road Hospital.	20,000 0 0	19,657 9 3	.....	15th Mar. 1908.
3	Construction of a temporary market at Parbhadevi Road.	8,804 0 0	8,299 14 7	.....	15th Apl. 1908.
	Miscellaneous.				
4	Providing shelters for keeping hearses and vans.	3,050 0 0	2,452 6 4	.....	20th Dec. 1907.
5	Fixing 39 electric fans in the Municipal Office Buildings.	7,096 0 0	6,590 14 3	.....	31st Mar. 1907.
6	Re-wiring the Municipal Office Buildings and refitting the Electric Light Installation.	21,843 8 0	21,536 0 1	.....	31st May 1907.
7	Providing and fixing an electric lift in the Municipal office Buildings in place of the existing hydraulic lift and an electric fire service pump in place of the existing steam pump.	13,500 0 0	13,446 10 6	.....	17th Nov. 1908.
8	Purchasing and fixing new street name boards.	3,000 0 0	1,213 10 8	.....	31st Dec. 1908.
9	Construction of a corrugated-iron roof between the two existing godowns and providing a blue stone paving at the Chinchpokli Central Stores.	5,129 0 0	4,453 3 0	.....	17th July 1907.
10	Paving cab-stands (1906-07)... ...	5,000 0 0	3,275 5 3	.....	15th July 1907.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
	WORKS COMPLETED DURING THE PREVIOUS YEARS AND THE YEAR UNDER REPORT, THE ACCOUNT OF WHICH WERE ADJUSTED DURING THE YEAR.—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage.				
11	Removing 22 old type cast-iron water gullies and providing new type ones in their stead in Frere Road.	3,156 0 0	2,687 4 9	.....	29th Feb. 1908.
12	Substituting a pipe drain for an open storm-water channel between Forjett Street and Tardeo Road.	3,298 0 0	2,409 10 2	.....	17th Mar. 1908.
13	Construction of a storm-water drain in Arthur Road from its junction with Kalachowki Road to Jacob's Circle.	74,003 0 0	65,453 14 7	.....	15th July 1908.
14	Construction of a storm water drain in DeLisle Road, South.	17,549 0 0	15,257 13 3	.....	18th Do.
15	Construction of a storm-water drain in De Lisle Road, North.	66,220 0 0	48,373 11 3	.....	13th Do.
16	Providing improved flushing arrangements to certain existing urinals in the city.	8,954 0 0	6,962 15 6	.....	19th Aug. 1907.
	Water Works, Ordinary.				
17	Construction of additional filters with a roof covering at the Malabar Hill Reservoir.	2,93,330 0 0	2,44,382 12 4	.....	30th Apl. 1907.
18	Improvement of the Outlet Tunnels at Vehar and Tulsi.	12,843 0 0	12,530 0 0	.....	3rd Do.
19	Repairs to a collapsed portion of the Tulsi Outlet Tunnel.	55,533 11 3	55,255 6 5	.....	26th June 1908.
20	Laying a 4″ main in Khed Gully in Mahim District.	4,446 0 0	3,448 4 8	.....	2nd Jan. 1908.
21	Laying a 5″ main in Chambarbag Road.	3,970 0 0	2,878 2 10	.....	Do.
	Water Works, Special.				
22	Providing the trunk water mains with Venturi Meters.	24,400 0 0	24,346 5 8	.....	31st July 1908.
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR.				
	Buildings.				
23	Construction of permanent quarters for the Tardeo Flats bigaries at Arthur Road.	28,609 0 0	28,379 0 10	.....	31st Dec. 1908.
24	Construction of a Market at Elphinstone Road.	15,912 0 0	14,502 5 3	.....	30th Apl. 1908.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR—*contd.*				
	Drainage.				
25	Constructing a slab covered drain and filling in the open side drain in Dady Shett Agiary Lane from Girgaum Road to Fanaswadi.	3,534 0 0	3,043 1 4	.....	30th Apl. 1908.
26	Removing the old type water gullies in Apollo Street.	5,600 0 0	4,727 9 11	.....	30th June 1908.
	Water Works, Ordinary.				
27	9″ Service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12″ main and supplemented midway by a 9″ main down Connaught Road.	53,360 0 0	40,871 8 3	.....	31st July 1908.
	WORKS COMMENCED AND COMPLETED, DURING THE YEAR THE ACCOUNTS OF WHICH WERE ADJUSTED DURING THE YEAR.				
	Miscellaneous.				
28	Construction of a burial ground at Narelwadi for the Khoja Shia Isna Ashari Jamat.	10,000 0 0	9,690 6 0	.....	11th Sept. 1908.
29	Providing blue stone footpath along a portion of Mayo Road.	5,687 0 0	4,855 8 10	.....	12th June 1908.
30	Construction of a clay bank for the siding at Deonar.	3,037 0 0	3,032 6 2	.....	31st Mar. 1909.
	Drainage.				
31	Construction of 11 urinals on Port Trust grounds near the Docks.	6,542 0 0	6,480 9 4	.....	17th June 1908.
31A	Laying a masonry storm water drain in Chunam Kiln Lane.	7,456 0 0	5,919 0 9	.....	7th July 1908.
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED BUT THE ACCOUNTS THEREOF WERE NOT CLOSED DURING THE YEAR.				
	Buildings.				
32	Constructing a night Branch stable and an office etc., at Arthur Road.	67,959 0 0	.....	33,813 7 5	1st July 1909.
33	Construction of 25 bathing places in the City.	35,739 0 0	.....	6,990 0 0	20th Nov. 1908.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED BUT THE ACCOUNTS THEREOF WERE NOT CLOSED DURING THE YEAR.—*contd.*				
	BUILDINGS—(*contd.*)				
34	Constructing offices for the F & G Wards of the Assessment Department at Dadar.	12,110 4 10	.....	4,260 11 0	13th May 1909.
35	Renewing the two blocks of Butchers' Challs at the Bandra Slaughter Houses.	20,518 0 0	.....	13,806 0 6	20th Jan. 1909.
36	Constructing shops on the Southern and Western frontages of the Arthur Crawford Markets.	35,827 0 0	.....	339 13 2	7th Nov. 1909.
37	Constructing Assesment and S. and B. Ward Offices in E Ward at Sankli Tank.	28,924 0 0	.....	500 9 7	30th Sept. 1909.
38	Construction of a camel house in the Victoria Gardens.	5,700 0 0	.....	1,840 6 11	9th June 1909.
39	Removing the existing birds' shops from the Crawford Markets and re-erecting them on another site therein.	11,902 0 0	.....	84 12 10	7th Nov. 1909.
40	Construction of an Engine house for two Fire Brigade Engines and quarters for a Foreman at Byculla.	25,854 0 0	.....	19,613 3 10	3rd Oct. 1908.
41	Construction of quarters for the B Ward Halalkhores at Valpakadi.	1,66,272 2 5	.....	1,50,336 11 9	1st Jan. 1909.
42	Construction of additional quarters for the Fire Brigade Staff at Byculla.	31,735 0 0	.....	24,661 9 0	31st Dec. 1908.
43	Constructing Drainage Inspectors' chowkies at Bapty Road and Charni Road.	15,058 0 0	.....	9,656 0 3	Do.
44	Constructing Lethal Chambers near the Existing slaughtering shed at the Bandra Slaughter Houses.	8,056 0 0	.....	4,434 8 10	31st Aug. 1908.
45	Constructing 100 sheds for the Halalkhores of the F and G Wards at Arthur Road.	9,899 0 0	.....	7,572 3 6	7th July 1908.
46	Construction of a bear cage in the Victoria Gardens.	10,446 0 0	.....	2,453 12 3	31st Oct. 1908.
47	Providing quarters for sluicemen at the new Worli Sluices.	4,971 0 0	.....	3,119 14 5	20th Oct. 1908.
48	Raising a storey over the existing Bengalee Girl's School at Thakordwar.	8,870 0 0	.....	6,363 13 9	1st Mar. 1909.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED BUT THE ACCOUNTS THEREOF WERE NOT CLOSED DURING THE YEAR.—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Roads.				
49	Construction of a road to the reclaimed land at Deonar.	10,310 0 0	.....	8,902 1 8	30th June 1909.
50	Construction of Reay Road from Wari Bunder to Gunpowder Road, Mazagon.	7,30,000 0 0			
	Victoria Road extension	36,200 0 0			
	Burial Ground for Mahomedans and Bene-Israels.	2,41,952 0 0			
	To be paid by the Municipality ...Rs. 8,51,652				
	To be paid by the Port Trust ... „ 1,56,500				
		10,08,152 0 0	.....	6,60,936 7 4	
	Miscellaneous.				
51	Burning and Burial Ground at Mahim.	30,774 0 0	.....	26,911 13 2	
52	Burning and Burial Ground at Worli..	29,373 0 0	.....	18,815 7 8	
53	Extension of the Sewri Cemetery.	16,989 8 0	.....	6,797 7 7	30th Apl. 1909.
54	Removing and reconstructing a portion of the compound wall of the Dharavi Roman Catholic Cemetery.	5,037 0 0	.....	.....	30th June 1909.
55	Railway sidings, platforms, etc., to carry town sweepings to Deonar.	8,44,000 0 0	.....	8,27,322 12 8	.....
56	Providing a Burial Ground for the Portuguese Community at Haines Road.	27,996 0 0	.....	18,165 10 6	11th Dec. 1908.
57	Paving dust-bin stands (1906-07) ...	10,000 0 0	.....	4,061 1 0	19th Feb. 1909.
58	Paving cab stands (1907-08.) ...	5,000 0 0	.....	3,457 8 11	31st Oct. 1909.
59	Construction of a boundary wall at the Haines Road Cemetery.	9,600 0 0	.....	3,904 15 2	15th Feb. 1909.
	Drainage.				
60	Provision of an extra Ejector at the junction of DeLisle Road and Ferguson Road and the duplication of the gravitating sewer in DeLisle Road, North.	71,195 0 0	.....	31,140 9 8	.....
61	Filling in the portion of the old water course situated at the north corner of the Foras Tank and west of the Parbhadevi Night Soil Depôt in De Lisle Road.	4,991 0 0	.....	3,298 12 10	26th Aug. 1909.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED BUT THE ACCOUNTS THEREOF WERE NOT CLOSED DURING THE YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage—contd.				
62	Extension of low-level channel No. 2 from DeLisle Road to Dadar Road.	2,88,616 0 0	.....	1,79,366 2 6	26th Aug. 1909.
63	Sewerage of Malabar Hill District Sectional.	6,48,488 0 0	.....	5,95,083 5 3	24th Apr. 1909.
64	Latrines and Urinals in various parts of the City.	62,163 0 0	.....	43,838 10 8	7th May 1909.
65	Completion of house drainage connection in different parts of the City.	9,14,128 6 11	.....	6,12,058 11 10	
66	Construction of permanent manholes over drains.	37,304 0 0	.....	25,078 2 11	28th Feb. 1910.
67	Constructing channels for draining the leakage along the lowest portion of the eastern slope of the Malabar Hill.	4,660 0 0	.....	2,850 0 5	July 1909.
68	Connecting road watering stand post and tank with the Municipal sewers.	8,000 0 0	.....	5,160 13 5	28th Feb. 1910.
69	Construction of relieving arches in Falkland Road S. W. Drain.	28,200 0 0	.....	18,018 6 2	28th Feb. 1910.
70	Opening and examining the 9″ pipe sewer in Colaba Road and replacing it with 9″ cast-iron pipes wherever necessary.	25,000 0 0	.....	20,178 8 8	Do.
71	Paving and making surface drainage connections to connect watering posts and water tanks toMunicipal sewers.	5,000 0 0	.....	2,900 7 10	28th Feb. 1910
72	Paving and making surface drainage connections to connect watering post and water tanks.				
73	Construction of a storm-water drain in Clerk Road from Parel Road to Jacob Circle.	36,869 0 0	.....	25,489 9 10	17th Aug. 1907
74	Construction of a S. W. drain in Ripon Road from Agripada drain to Jacob Circle.	31,362 0 0	.....	24,182 14 8	Do.
75	Construction of a S. W. drain in Haines Road from Khatao Makanji's Mills to Jacob Circle.	54,804 0 0	.....	48,202 1 2	Do.
76	Low level channels from Tardeo Flats to Worli Point.	13,72,120 0 0	.....	13,25,445 8 7	31st May 1907

New Works, &c.—(*continued.*)

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED BUT THE ACCOUNTS THEREOF WERE NOT CLOSED DURING THE YEAR—*contd.*				
	Drainage—contd.				
77	Sewerage of Parel District (Sectional.)	5,58,368 7 6	.....	4,66,272 3 7	31st May 1903.
78	Sewerage of Fergusson Road and Chinchpogli Sectional District.	2,60,054 8 1	.....	2,56,782 14 6	1st May 1903.
79	Constructing a storm-water drain in Mazagon Road.	5,283 0 0	.....	4,491 8 4	7th Mar. 1909.
80	Constructing a storm-water drain in Colaba Causeway between Ormiston Street and Thomas Street.	11,209 0 0	.....	7,414 13 0	11th Mar. 1909.
	Water Works, Ordinary.				
81	22″ Main from the 48″ Tansa main at Chinchpogli to Grant Road and 32″ main from Grant Road to Malaba Hill Reservoir.	2,85,978 0 0	.....	2,43,712 7 0	31st May 1909.
82	Laying water mains on the Colaba Reclamation.	37,973 0 0	.....	24,220 4 5	30th Apr. 1909.
83	Removing and replacing the 32″ Vehar main south of Kurla.	6,84,934 0 0	.....	5,20,990 9 0	31st Mar. 1910.
84	Renewing 3″ mains in B Ward and laying additional mains in B Ward.	1,84,072 4 11	.....	1,076 5 10	31st Aug. 1910.
85	Extending the new 9″ main in the Agripada District along Gilder Street to join the existing 32″ main in Grant Road.	12,460 0 0	.....	8,276 15 7	30th Apr. 1909.
86	Laying new water mains and fixing hydrants in new roads, City Improvement Trust Scheme No. 4.	35,000 0 0	.....	20,956 4 7	Do.
87	Laying a 9″ main along Mount Road from its junction with Love Lane to the junction of Victoria Road and a 6″ main along Ghorupdeo Road to be joined to 6″ main already laid in Albert Road.	27,812 0 0	.....	6,385 0 0	31st May 1909.
88	Laying new main 6″ × 5″ in Matarpakady Road and laying a new 12″ main along Mazagon Road from Nesbit Road to Mount Road.	11,800 0 0	.....	7,062 9 1	31st May 1909.
89	Laying additional mains in Apollo Reclamation.	18,716 0 0	.....	1,112 14 9	30th Apr. 1909.
90	Rendering the floor of filters Nos. 7, 8, and 9 at the Bhandarwada Reservoir with cement concrete and carrying out certain works to reduce leakage from the reservoirs and filters.	87,844 0 0	.....	43,103 6 3	30th June 1910.
91	Purchasing and fixing new pattern hydrants.	1,00,000 0 0	.....	79,361 4 0	1st Aug. 1909.
92	Mains along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir.	1,38,000 0 0	.....	1,29,097 10 5	20th Nov. 1908.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	REMARKS.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH, OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.				
	Buildings.				
93	New Market at Chowpati.	17,000 0 0	.....	96 0 0	Site not settled.
94	Market at Kamathipura.	34,656 4 0	.....	.....	Land was being acquired.
95	Construction of Offices for the Head Plumber and the Drainage Staff Quarters for the Drainage Staff and fencing at Babula Tank.	36,745 0 0	.....	130 6 2	Tenders were shortly to be invited for the work.
96	Construction of Quarters for the Water Works Staff at Babula Tank.	21,261 0 0	.....	.....	Work stopped pending reorganization of the Water Works Branch.
97	Construction of A Ward Offices for the Drainage, Water and Streets and Buildings Branches.	25,728 0 0	.....	28 11 10	The work was about to be entrusted to Messrs. Gopal Shiwaji & Co.
98	Constructing office quarters and store rooms in G Ward at DeLisle Road for the Streets and Buildings Branch.	45,861 0 0	.....	44 6 7	The whole work was to be entrusted to Messrs. Manmohandas Gordhandas & Co.
99	Constructing office quarters and store rooms in G Ward at DeLisle Road for Water Works Branch.				
100	Demolishing the milch cattle stable at Cochin Street and constructing bigaries chawls on its site.	59,402 0 0	.....	33 15 5	The work was about to be entrusted to Messrs. Ramji Keshowji & Co.
101	Additions and alterations to Colaba, Baboola Tank, Gamdevi and Chinchpokli Fire Brigade Stations.	13,909 0 0	.....	39 3 0	The work was about to be entrusted to Messrs. Bhasker Yadow Joshi & Co.
102	Re-constructing a chawl at the Bandra Slaughter Houses.	6,339 0 0	.....	.....	The work was about to be entrusted to Messrs. Abdulali Karimbhai & Co.
	Miscellaneous.				
103	Constructing a boundary wall etc., for preparing a Burial Ground for Mahomedans at Antop Hill, Matunga.	24,987 4 0	.....	.....	Tenders were about to be invited.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	REMARKS.
	WORKS SANCTIONED BUT NOT PROCEEDED WITH, OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS—(*contd.*)	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage.				
104	Cutting out rocky barriers in the channel of Lovegrove.	16,914 0 0	.....	116 6 0	Held over pending the letting of contract for new outfall.
105	Construction of a latrine and urinal at the junction of Packmodia Street and Bapty Road.	4,810 4 0	.....	.....	Action was being taken by the Municipal Solicitors for the acquisition of a new site which has been selected for the work.
106	Conversion of old pattern latrines and urinals into new ones.	20,671 0 0	.....	.....	The work was about to be entrusted to Messrs. Abdulali Karimbhai & Co.
	Water Works, Ordinary.				
107	32″ Outlet mains from Malabar Hill to Chowpati.	62,932 0 0	.....	455 11 11	Tenders for the work were returnable on the 2nd April 1909.
108	9″ & 10″ pipes from Grant Road to Kamathipura.	13,000 0 0	.....	.....	Revised estimates for the work were under preparation.
109	Distribution mains in Tardeo and Gamdevi Roads.	9,870 0 0	.....	.....	Revised estimates for the work were under preparation.
110	Replacing 32″ Vehar main for 1½ miles by 48″ steel main.	3,25,000 0 0	.....	2,051 6 9	Tenders for the supply of pipes were about to be invited.
111	Laying 6″ main from the 18″ in Esplanade Road connecting with the 16″ main in Hornby Road.	10,130 0 0	.....	.....	The work is to be taken in hand simultaneously with the renewal of mains in A Ward.
112	Replacing the Vehar main for the whole distance between Curla and Vehar.	6,96,500 0 0	.....	.....	The work is to be executed when the work of replacing 32″ Vehar main is started.
113	Extending the 9″ main laid along the bank of the drainage channel across the proposed Foras Road from the Century Mill to join the existing 9″ main at Worli.	5,773 0 0	.....	.....	The work was about to be taken in hand.
114	Replacing the existing 3″ main in Mugbhat Cross Lane by a 5″ main.	4,540 0 0	.....	.....	Do. do.

New Works, &c.—(*concluded*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	REMARKS.
		Rs. a p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH, OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.—(*concld.*)				
	Water Works, Ordinary—contd.				
115	Replacing the existing 3″ main in Mahomedan Street by a 5″ main.	5,430 0 0	.....	.....	The work was about to be taken in hand.
116	Extending the 6″ water main from the Gate of the Sewri Cemetery to the Bulk Oil Depôt.	6,020 0 0	.....	.....	Do. do.
117	Laying main along the existing Wodehouse Bridge Road and the New Road between that Road and Colaba Causeway.	5,240 0 0	.....	.....	The work is to be taken in hand simultaneously with the work of renewing the mains in A Ward.
118	Laying mains in A Ward ...	2,10,223 0 0	.....	.....	Tenders for the supply of pipes for the work were about to be invited.
119	Laying a new 6″ main in Suparibag Road from the junction of Parel Government Gate Road with the Elphinstone Road.	18,900 0 0	.....	.....	The work was about to be taken in hand.
120	Replacing the existing 3″ main in Huzaria Street by a 5″ main.	5,390 0 0	.....	.....	The work was about to be taken in hand.
121	Replacing the existing 3″ main in Bapu Khote Street by a 5″ main.	6,924 0 0	.....	.....	Do. do.
122	The improvement of the conditions of storage of water at Malabar Hill Reservoir.	11,512 0 0	.....	.....	Messrs. Virji Tejoo & Co.'s tender for the work was under consideration.
123	Filtering materials and labour for Malabar Hill Reservoir.	3,500 0 0	.....	.....	Tenders for the supply of sand were about to be invited.
	Water Works, Special.				
124	Fixing Deacon's meter on the distributing mains.	23,500 0 0	.....	.....	Proposals for the purchase and fixing of Deacon's meters were under the consideration of the Commissioner.

NEW WORKS.

PAVING CABSTANDS.

15. The work of paving cabstands sanctioned in the Budget for 1906-07 and referred to in the last year's Administration Report was completed at a cost of Rs. 4,264-15-11.

16. The three works sanctioned under Commissioner's Nos. 6200, dated the 6th June 1907 and 20324, dated the 25th September 1907 out of the grant of Rs. 5,000 provided for similar work in the Budget for 1907-08 and referred to in the last year's Administration Report were completed as noted below :—

Description of Works.	Total cost. Rs.	a.	p.
1. Renewing and resetting the pavement of the existing cabstand at the junction of Bellasis Road and Upper Duncan Road ...	285	6	11
2. Removing and resetting the pavement of the existing cabstand at Apollo Bandar	760	9	0
3 Extending the existing cabstand at Hornby Road near the Cathedral Boy's School...	880	14	4

17. The Commissioner under his No. 5290, dated the 26th May 1908, sanctioned the work of paving the cabstand at Princess Street at an estimated cost of Rs. 2,378 out of the balance available from the above-mentioned grant.

18. The work was in progress at the close of the year and the certified expenditure amounted to Rs. 1,481-3-0.

Paving Dustbin Stands.

19. Tenders for the work of paving dustbin stands out of the grant sanctioned in the Budget for 1906-07 were invited and the one of Messrs. Musa Janmahomed & Co. being the lowest of the three tenders received was accepted by the Commissioner under his No. 14455 of 4th August 1908. Orders to commence the work were issued to the Contractors on the 20th October 1908 and it was completed at the end of the year.

20. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 4,061-1-0.

Constructing compound wall and filling in ground, &c. for the Portuguese Cemetery at Haines Road.

21. The work of filling in the remaining portion of the ground with the earth obtained from the works of constructing storm-water drains in the City was partially carried out at a cost of Rs. 3,270-0-3. The work will be resumed from time to time when earth is available.

22. The further work of constructing a pucca drain having been sanctioned under the Standing Committee's Resolution No. 2274 of 1st July 1908, tenders were invited for the same and that of Messrs. Mamaya Lakhamsi & Co. being the lower of the two tenders received, was accepted by the Municipal Commissioner under his No. 9040 of 27th June 1908. Orders to commence the work were given to the Contractors on the 8th October 1908 and it was completed by them within the contract time.

23. Certified expenditure on the work upto the 31st March 1909, amounted to Rs. 2,933-6-4.

Constructing a Market at Elphinstone Road.

24. This work which is referred to in the last year's Administration Report was completed at a total cost of Rs. 14,510-7-3.

Constructing ten Lethal Chambers at the Bandra Slaughter Houses.

25. This work which is referred to in the last year's Administration Report was completed at the close of the year.

26. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 4,434-8-10.

Constructing a corrugated-iron roof and providing blue stone paving between the two existing Stores Godowns at Chinchpokli Central Stores.

27. This work which is referred to in the last year's Administration Report was completed by the Contractors at a total cost of Rs. 4,453-3-0.

Constructing Conservatory in the Victoria Gardens.

28. This work which is referred to in the last year's Administration Report was in progress at the close of the year.

29. The certified expenditure on the work upto the 31st March 1909 amounted to Rs. 9,965-4-3.

Constructing a Bear's Cage in the Victoria Gardens.

30. This work which is referred to in the last year's Administration Report was completed at the close of the year.

31. The certified expenditure on the work upto 31st March 1909, amounted to Rs. 2,453-12-3.

Construction of Chawls for Halalkhores at Valpakhadi.

32. This work which is referred to in the last year's Administration Report was completed at the close of the year.

33. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 1,50,336 11-9.

34. A further grant of Rs. 3,450 was sanctioned under the Corporation's Resolution No. 4385, dated the 12th October 1908, for providing washing places at the chawls. This work was entrusted to Messrs. Marsland Price and Co., in accordance with the Standing Committee's Resolution No. 4385, dated the 12th October 1908. It was completed at the close of the year but the account thereof was not then adjusted.

Adding a storey over the existing D Ward Office of the Streets and Buildings Branch for the use of the D Ward Office of the Assessment Department at Gamdevi.

35. This work which is referred to in the last year's Administration Report was completed at a total cost of Rs. 5,653-3-4.

Construction of a Small-pox Ward at the Arthur Road Hospital.

36. This work which is referred to in the last year's Administration Report has been completed at a total cost of Rs. 19,769-1-9.

Constructing a temporary Market at Parbhadevi Road.

37. This work which is referred to in the last year's Administration Report has been completed at a total cost of Rs. 8,760-8-0.

Schools for Primary Education.

38. As stated in last year's Administration Report, further plans, elevations, sections and estimates were prepared and submitted for the five sites mentioned below :—

1. Plot No. 8, Kumbharwada Section of the Board's New Sandhurst Road.
2. Portion of acquisition case No. 107 of the Improvement Trust Scheme No. III (Sandhurst Road) between Ardeshir Dady Street and Khetwadi Lane near Golpitha.
3. Mandvi, Kazi Savad Street at the northern end of the Improvement Trust Scheme No. VIII, Mandvi Koliwada Scheme.
4. Madanpura Land vesting in the Improvement Trust on the extension of Souter Road.
5. Old Nagpada-Improvement Trust Scheme No. III.

39. Out of the above sites, possession of those mentioned in items Nos. 1, 4 and 5 was obtained by the Municipality but as the area of the plots actually received was in each case less than was expected, the plans and estimates of the schools proposed to be constructed on the sites are being revised.

40. The sites referred to in items Nos : 2 and 3 have not as yet been handed over to the Municipality.

Additions and alterations to the Sorabji Shapurji Bengali Girls' School Buildings at Thakurdwar.

41. The estimate for this work which is referred to in the last year's Administration Report had to be revised owing to the considerable rise in the market rates for labour and materials and the Joint Schools Committee sanctioned an extra amount of Rs. 1,868, from the funds at their disposal to supplement a sum of Rs. 8,000, contributed by Government for the work.

42. Tenders were invited for this work and the one of Messrs. Gopal Shiwaji & Co. being the only tender received, was accepted by the Standing Committee under their Resolution No. 3458, dated the 26th August 1908. Orders to commence the work were issued to the Contractors on the 2nd November 1908 and the same was completed at the close of the year.

43. The certified expenditure on the work up to 31st March 1909, amounted to Rs. 6,365-13-6.

Construction of an Engine House and Quarters for the Foreman at the Byculla Fire Brigade Station.

44. Two grants one of Rs. 23,345, and another of Rs. 2,509, having been sanctioned by the Municipal Corporation under their Resolutions Nos. 2146, dated the 8th July 1907 and 7758, dated the 9th March 1908, respectively, tenders were invited and the one of Mr. Nanji Kanji being the lower of the two tenders received was accepted by the Standing Committee under their Resolution No : 7618, of 4th March 1908. Orders to commence the work were issued to the Contractor on the 3rd April 1908 and it was completed at the end of the year.

45. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 19,613-3-10.

Constructing 100 Huts for Halalkhors at Arthur Road.

46. A grant of Rs. 9,899, having been sanctioned for the work under the Corporation's Resolution No. 9899 of 22nd January 1908. Tenders were invited and the one of Mr. Alikhan Fatekhan being the lowest of the four tenders received, was accepted by the Standing Committee, under their Resolution No. 827 of 15th April 1908. Orders to commence the work were issued to the Contractor on the 8th May 1908 and it was completed at a total cost of Rs. 7,710-15-7

Constructing Bathing Places.

47. A grant of Rs 35,739 was sanctioned for the work under the Corporation's Resolution No. 1734, dated the 20th June 1907. Out of this grant the construction of bathing places at (1) Colaba Road near the Gun Carriage Factory (2) Mint Road near the Fort Market, (3) Old Nagpada Cross Lane and (4) Mumbadevi Road was entrusted to Messrs. Marsland Price & Co. as per Standing Committee's Resolution No. 4616 of 30th October 1907.

48. The work was completed by the Contractors at the close of the year at a cost of Rs. 6,990.

Renewing Butcher's Chawls at the Bandra Slaughter Houses.

49. A grant of Rs. 20,518 having been sanctioned for the work under the Corporation's Resolution No. 6635 of 27th January 1908, tenders were invited and the one of Messrs. Esufali Mahomedali & Co., being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 524 of 8th April 1908. Orders to commence the work were issued to the Contractors on the 21st July 1908 and the work was completed by them within the contract time.

50. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 13,806-0-6.

Constructing a Masonry wall on the North and West sides of the Haines Road, Burning and Burial Ground.

51. A grant of Rs. 9,600 was provided for the work in the Budget for 1908-09.

52. The Municipal Commissioner having sanctioned under his No. 3271 of 6th May 1908, the construction of a wall on the north and west sides of the above cemetery out of this grant, tenders for that work were invited and the one of Messrs. Mamaya Lakhamsi & Co. being the lowest of the three tenders received, was accepted by the Municipal Commisioner, under his No. 9966 of 2nd July 1908. Orders to commence the work were issued to the Contractors on the 16th November 1908 and the same was completed within the contract time.

53. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 3,904-15-2.

Constructing a Chawl for the Sluicemen at Warli Cleveland Bandar.

54. The Municipal Corporation having sanctioned under their Resolution Nos. 2896, dated the 2nd August 1907 and 7029, dated the 10th February 1908, the grants of Rs. 4,350 and 621, respectively for the work, tenders were invited and the one of Messrs. S. J. Desai &

Co., being the only tender, received, was accepted by the Municipal Commissioner under his No. 9730 of 1st July1908. Orders to commence the work were issued to the Contractors on the 21st July 1908 and the same was completed within the contract time.

55. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 3,119-14-5.

Construction of a Camel House in the Victoria Gardens.

56. The Municipal Commissioner sanctioned a grant of Rs. 5,700 for the work under his No. 1123, dated the 14th April 1908, out of the balances of the grants for 1908-09 as noted below :—

VIII.	Improvement in the Zoo : portion	Rs. 5,000
VI.	General improvement of Garden	Rs. 700
		Rs. 5,700

57. Tenders for the work were invited and the one of Messrs. S. J. Desai & Co., was accepted by the Standing Committee, under their Resolution No. 4818, dated the 4th November 1908. Orders to commence the work were issued to the Contractors on the 9th December 1908 and it was in progress at the close of the year.

58. The certified expenditure on the work up to the 31st March 1909, amounted to Rs. 1,840-6-11.

Constructing 2 new Chowkies for the Drainage Inspectors at Bapty and Churni Roads.

59. The Municipal Corporation under their Resolution No. 7030, dated the 10th February 1908, sanctioned a grant of Rs. 15,058 for the work.

60. Tenders were invited and the one of Messrs. Mamaya Lakhamsi & Co., being the lowest of the three tenders received, was accepted by the Standing Committee, under their Resolution No. 1596 of 5th June 1908. Orders to commence the work were issued to the Contractors on the 1st August 1908 and it was completed at the close of the year.

61. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 9,656-0-3.

Construction of Laskars' Quarters at Byculla Fire Brigade Station.

62. The Municipal Corporation under their Resolution Nos. 7992, dated the 25th March 1907 and 2561, dated the 13th July 1908, sanctioned the grants of Rs. 24,749 and Rs. 6,986, respectively, for the above-mentioned work.

63. Tenders were invited for the work and the one of Mr. Kanji Bhanji being the only tender received, was accepted by the Standing Committee, under their Resolution No. 1888 of 17th June 1908. Orders to commence the work were issued to the Contractor on the 1st August 1908 and the same was completed at the close of the year.

64. An additional work of providing latrine of 6 seats with a screen wall was also entrusted to the same Contractor out of the further grant of Rs. 3,799 sanctioned under the Corporation's Resolution No. 5,371 of 26th November 1908. This work was also completed by the Contractor at the close of the year.

65. The certified expenditure on the works upto 31st March 1909, amounted to Rs. 24,661-9-0

Construction of a Tiger's Cage in the Victoria Gardens.

66. The Municipal Commissioner having under his No. 35848 of 14th February 1908, sanctioned a grant of Rs.19,159 from the grants for (*a*) General improvement of gardens for 1907-08 and 1908-09 and (*b*) Improvement in the Zoological portion of the garden for1907-08, tenders were invited and the one of Messrs. S. J. Desai and Co., being the lowest of the four tenders received, was accepted by the Standing Committee under their Resolution No. 1501 of 25th May 1908. Orders to commence the work were issued to the Contractors on the 25th June 1908 and it was completed at the close of the year.

67. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 11,524-9-3.

Construction of a Night Branch Stable, &c., at Arthur Road.

68. A grant of Rs. 55,995 was sanctioned for the work under the Corporation's Resolution No. 4061 of 20th September 1906, but owing to the considerable rise in the Market rates for labour and materials no tenders were received for the work though the

were twice invited. The estimates were consequently revised and tenders were re-invited for the third time. Four tenders were then received and Messrs. Sayaji Naguji & Co.'s tender being the lowest was accepted under the Standing Committee's Resolution No. 2027, dated the 24th June 1908.

69. The amount of the accepted tender being in excess of the amount originally sanctioned, the Municipal Corporation sanctioned an additional grant of Rs. 11,964, under their Resolution No. 2563 of 13th July 1908. Orders to commence the work were issued to the Contractors on the 9th October 1908 and it was in progress at the close of the year.

70. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 33,813-7-5.

Construction of Offices for F & G Wards Assessment Department at Elphinstone Road.

71. A provision of Rs. 11,237 was made in the Budget for 1908-09 for this work but the estimates had to be revised owing to the considerable rise in the market rates for labour and materials and the Corporation under their Resolution No. 4287 of 8th October 1908, sanctioned an additional grant of Rs. 873-4-10.

72. Tenders were invited for the work and the one of Messrs. Meghji Bhanji and Co., being the lower of the two tenders received, was accepted by the Standing Committee, under their Resolution No. 3749 of 9th September 1908. Orders to commence the work were issued to the Contractors on the 14th November 1908 and it was in progress at the close of the year.

73. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 4,260-11-0.

Constructing New Ward Offices, &c. for the Assessment Department and of the Streets & Buildings Branch, E Ward Offices at Sankli Street.

74. A provision of Rs. 26,838 was made for the work in the Budget for 1908-09 but the estimates had to be revised owing to the considerable rise in the market rates for labour and materials and the Corporation sanctioned an additional grant of Rs. 2,086 under their Resolution No. 5360, dated the 26th November 1908.

75. Tenders were invited for the work and the one of Mr. Ramji Ghamaji being the lowest of the four tenders received, was accepted by the Standing Committee, under their Resolution No. 4591 of 21st October 1908. Orders to commence the work were issued to the Contractor on 1st February 1909, the same was in progress at the close of the year.

76. The certified expenditure on the work upto the 31st March 1909, amounted to Rs. 500-9-7.

Construction of (1) shops on the southern and western frontages of, and (2) removing the existing birds' and animals' shops and reconstructing them on another site at the Arthur Crawford Markets.

77. Grants of Rs. 31,200, and Rs. 9,840, were sanctioned for the respective works by the Corporation under their Resolution No. 5172 of 21st November 1907 but the estimates had to be revised owing to the considerable rise in the market rates for labour and materials and the Corporation sanctioned further grants of Rs. 4,627, and Rs. 2,062, respectively, under their Resolution No. 5769 of 11th December 1908.

78. Tenders were invited and the one of Messrs. Lowji Trimbak & Co., being the lowest of the three tenders received, was accepted by the Standing Committee under their Resolution No. 5295 of 25th November 1908. An order to commence the work was issued to the Contractors on the 8th February 1908 but after the Contractors had removed the trees and the compound railing on the southern and western frontages of the markets, the further progress of the work was suspended up to the close of the year on account of an objection lodged by the owners of the Sitaram Buildings. A temporary bamboo fence was put up in place of the railings removed pending a settlement of the matter.

79. The other work of removing and reconstructing the birds' shops was in progress at the close of the year.

80. The certified expenditure on the works upto 31st March 1909, was as under :—

For shops on the Southern & Western frontages ...	Rs.	339	13	2
For Birds' and Animals' shops	„	84	12	10
Total ...	Rs.	424	10	0

Construction of the wall around he Roman Catholic Cemetery at Dharavi.

81. A grant of Rs. 5,037, having been sanctioned for the work under the Corporation's Resolution No. 4282 of 8th October 1908, tenders were invited for the work and the one of Messrs. Bhaskar Yadaw Joshi, & Co., being the lowest of the four tenders received, was accepted by the Municipal Commissioner under his No. 34194 of 4th February 1909. Orders to commence the work were issued to the Contractors on the 1st March 1909 and it was in progress at the the close of the year.

DISPOSAL OF TOWN SWEEPINGS IN THE CITY.

Kurla-Deonar Railway Works.

82. The Clay Bund round the reclamation area from mile 1½ to 2½ was widened for the purpose of laying a Railway siding on it, and a chord bank was thrown up for a length of about 1,600 feet to allow of the siding being laid to the proper curve.

83. The construction of the road from the Level Crossing on the Chemboor Ghatkopar Road to the Reclamation which was started last year was finished during the year.

84. About 700 pine wood sleepers of the permanent way which were rotten were removed and replaced by half round country teak wood sleepers.

85. The experiment of removing katchra by means of tip waggons was continued, but it was found to be more costly and troublesome than removal by baskets. The material over which the wagons had to be run being soft litter which is very unstable, they tipped over with the slightest loss of balance causing injury to workmen. They are, however, very useful for filling in odd corners and are being used for that purpose.

86. A piece of ground close to the Kurla Railway Station admeasuring about 4 Acres and 35¼ Gunthas has been purchased from the Manager of the Estate of the late Mr. Ardeshir Hormasji Wadia and it is intended to construct thereon, the quarters for the Inspector on the Railway Works.

87. All katchra received during the year was laid on each side of the Bund up to 1½ mile from Culvert No. 6 in order to strengthen the Bund and protect it from the action of the sea.

88. The area reclaimed during the year was about ten acres, bringing the total area to about 126 acres.

89. There was no Railway accident during the year.

90. There was one fire on the 31st March 1909, between Sluice No. 1 and No. 2. No damage was caused to Municipal property by this fire, as there was no siding over it at the time.

91. Engine detention charges at Rs. 5 per trip were paid almost throughout the year owing to the increased length of the working siding which prevented the shunting operations being carried out within the time of half-hour allowed in the agreement with the Railway Co.

92. The staff at Deonar kept fairly good health and no one suffered from any epidemic disease during the year. The Sub-Registrar, F Ward, of the Health Department called at Deonar thrice a week and attended to the sick and the making up of medicines, &c.

93. The maintenance of the School at Deonar was continued by the Hindu Mission for the Depressed Classes. The attendance at the School was 53 at the end of the year, against 45 at the close of last year.

C.

DRAINAGE LOAN WORKS.

FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS.

94. The Contractors, Messrs. Deoram Keshavji & Co., have not yet submitted their final bill and the balance due to them still remains unpaid.

SCHEME FOR SUBSOIL AND SURFACE DRAINAGE.

95. The works of the Enlargement of the Worli Bridge and the Construction of the Retaining Walls near Cleveland Bunder, which, as stated in the last year's report, were entrusted to Mr. Nanji Kanji, were completed by him on the 21st August 1908. It is satisfactory to find that there were no further slips, during the last year's rains, in the slopes of the Channel near Cleveland Bunder and that the Enlargement of the Bridge and the Diversion of the Road at that place have been found to be a great improvement.

96. The total certified expenditure on the whole of the works upto the end of the year amounted to Rs. 13,25,445-8-7.

MALABAR HILL SECTIONAL SEWERAGE WORKS.

Sub-District No. 1.

97. No damage of any kind was done during the last rains either to the Sea wall or to the Biological Installation. The Biological Installation has worked very satisfactorily during the year.

98. The total expenditure on the works upto the end of the year was Rs. 3,11,145-6-0.

Sub-Districts Nos. 2 & 3.

99. The works of laying pipe sewers, &c., entrusted to Messrs. Sayaji Naguji & Co., proceeded satisfactorily during the year under report, considering the great difficulties met with in the works. It was stated in the last year's report that the date for the completion of this portion of the works was the 25th July 1908. The Contractors were, however, entrusted with the excavations, &c., of two additional Ejector Stations, one in Nepean Sea Road and the other in Gamdevi Road, and in consideration of these extra works having been entrusted to them in continuation of their original contract, the Standing Committee under their Resolution No. 6660, dated 27th January 1909, sanctioned an extension of the contract period upto the 25th of April 1909.

100 The Ejector Stations at Warden Road and at Nepean Sea Road were entirely completed during the year and will be brought into use on the completion of the sewers. The original site of the Ejector Station in Gamdevi Road was abandoned, owing to the unsatisfactory nature of the soil met with at the bottom, and a new site, a little further northwards, has been selected, and the work was in progress at this site at the close of the year.

101. The work of the Sealed Sewage Mains and the Air Mains was also almost completed during the year, the only portion remaining to be done being the coupling up of the mains with the Ejector Station at the Gamdevi Road.

102. The total certified expenditure on this work up to the end of the year amounted to Rs. 2,83,937-15-3.

CUTTING OUT ROCKY BARRIERS IN THE CHANNEL AT LOVE GROVE.

103. The work is still held in abeyance as no Contractors are willing to undertake it, and as stated in the last year's report, it is intended to carry out this work, if possible, in conjunction with the work of the New Outfall Sewer at Love Grove.

SURCHARGING OF SEWERS.

104. It is satisfactory to report that a step forward has been taken in the matter of providing the new Pumping Machinery at Love Grove. The details having been finally settled and the necessary plans prepared, tenders were invited for the work and the tender of Messrs. the Lilleshall Co. Ltd., was recommended by the Consulting Engineers

Messrs. John Taylors Sons and Santo Crimp. This recommendation was accepted by the Standing Committee under their Resolution No. 4446, dated 14th October 1908, and the Firm of Messrs. the Lilleshall Co., Ltd., have been instructed to proceed with the manufacture of the necessary machinery.

105. The total amount of the tender of Messrs. the Lilleshall Co., is £ 40,100 Sterling.

106. The Corporation also sanctioned under their Resolution No. 177, dated 8th April 1909, the construction of the new Condensing Water Tanks at Love Grove in connection with the new Machinery. This work will be put in hand immediately after the rains.

STORM-WATER DRAINS IN RIPON ROAD, HAINES ROAD & CLERK ROAD.

107. During the year under report, some Road Department Bills relating to these works were finally adjusted and the total certified expenditure upto the end of the year amounted to Rs. 97,874-9-8.

STORM-WATER DRAIN IN ARTHUR ROAD.

108. This work was completed at the end of April 1908 or 2½ months before the contract period.

109. The total certified expenditure on this work, upto the end of the year, amounted to Rs. 65,453-14-7.

110. It was found that the Storm-Water Drains in Ripon, Haines, Clerk, and Arthur Roads worked satisfactorily during the last rains and that there was no repetition of the very serious flooding which used to take place every year on these Roads, notably at Jacob Circle.

STORM-WATER DRAIN IN DE LISLE ROAD, SOUTH.

111. The work which was stated in the last year's report as progressing satisfactorily was completed on the 30th of May 1908.

112. The total expenditure on these works was Rs. 15,257-13-3.

EXTENSION OF THE LOW LEVEL CHANNEL NO. II. FROM DE LISLE ROAD TO DADAR ROAD.

113. This work was carried out very satisfactorily during the year under report. The extreme end of the Channel near Dadar Road was to run through a piece of land belonging to Mr. Mathuradas Gokaldas and a Notice under Section 222 was served on the owner, as was done in the case of the other owners, intimating to him the intention of the Commissioner to construct a Channel through his land. He was, however, very strongly opposed to the construction of an open channel, and a heavy and tedious litigation was threatened in respect of this matter. He subsequently, offered to give free of charge to the Municipality a strip of land from his ground for the construction of a covered drain, if the Municipality substituted the latter for the open channel. The question having been referred to the Corporation, a Committee was appointed by that body to consider the same and certain terms were ultimately agreed to both by the Corporation and by Mr. Mathuradas Gokaldas, as set forth in the Corporation's Resolution No. 7748 of the 11th March 1909, and under and subject to these terms a closed drain was substituted for the open channel in Mr. Mathuradas's land.

114. As the settlement of the dispute in the matter of the construction of this drain took some time and as the Contractors finished all their remaining works by the end of February 1909, the Standing Committee under their Resolution No. 7523, dated the 3rd March 1909, sanctioned the variations of the contract whereby it was determined that the Contractors' original work was to be taken as completed on the 28th of February 1909 and that the Contractors were given 3 months' extra time from the latter date to finish the covered drain in Mr. Mathuradas's land and in the portion of the Tulsi Pipe Road to the North of that land and upto Dadar Road as per the terms sanctioned by the Corporation, under their Resolution No. 7748 of the 11th March 1909. The work of the construction of the covered drain in Mr. Mathuradas's land and to the North thereof has been going on satisfactorily and the whole of these works will probably be completed by the fixed period, namely by the 31st of May 1909.

115. The total certified expenditure on the works upto the end of the year amounted to Rs. 2,49,536-1-5.

FILLING-IN THE NORTH CORNER OF THE FORAS TANK.

116. This work was completed by the Contractors on the 28th February 1909.

117. The total expenditure on the works upto the end of the year amounted to Rs. 3,298-12-10.

ADDITIONAL PIPE SEWER IN DELISLE ROAD, NORTH, AND AN EXTRA EJECTOR STATION AT THE DE LISLE ROAD LEVEL CROSSING.

118. It was stated in the last year's report that it was intended to reinvite tenders for these works after the rains. The tenders were reinvited for the work accordingly, but no tenders were received. The work of the excavation of the Ejector Station was, therefore, taken in hand departmentally and a short time after, the tenders for the Pipe Sewer alone were reinvited. Only one tender was received, namely, from Mr. Parshottam Rowji, but as his tender was very high, it was rejected, and the work of laying the pipe sewer was also taken in hand departmentally.

119. The work of the excavation of the Ejector Station was completed before the end of the year and the Tubbing and the Ejectors were being fixed at the close of the year. The work of the Pipe Sewer is proceeding satisfactorily.

120. The total certified expenditure upto the end of the year was Rs. 31,140-9-8.

STORM-WATER DRAIN IN DE LISLE ROAD, NORTH.

121. This work was completed by the Contractor on the 16th June 1908, or well within the contract period. The drain worked very satisfactorily during the last rains, and there was no flooding.

122. The total expenditure on the work amounted to Rs. 48,378-11-3.

ADDITIONAL EJECTORS FOR THE COLABA SUB-DISTRICTS Nos. 3, 4 & 5.

123. The Corporation under their Resolution No. 3192, dated the 6th August 1908, sanctioned the enlargement of the Ejectors at Stations Nos. 3, 4 & 5, Colaba, and a contract was entered into with Messrs. Hughes & Lancaster for the supply of the necessary Ejectors & Tubbings for this work at a cost of £ 3,317-10-0. These Ejectors & Tubbings were ready at the end of the year and were being shipped by the makers at that time.

D.

DRAINAGE—ORDINARY WORKS.

HOUSE DRAINAGE CONNECTIONS.

124. The street portion of the house drainage connection work was carried out departmentally during the year and the following table shows the number of connections carried out in each district with the cost incurred thereon :—

Name of District.	No. of connections.	Amount.
		Rs. a. p.
Parel...	39	1,925 9 6
Fergusson, Chinchpogli and DeLisle	20	1,202 12 1
Umerkhady	18	631 11 9
Mazagaon	27	1,316 7 10
Girgaum	29	1,419 4 7
Market	15	661 8 7
Colaba	35	1,108 7 11
General	26	1,610 6 5
Malabar Hill	127	4,040 9 8
Kalbadevi	6	311 12 4
Fort	22	1,720 10 3
Dhobitalao	3	96 4 9
Kamatipura	15	526 13 7
Khetwadi	13	436 4 2
Agripada	14	542 2 6
Cumballa Hill	4	145 5 0
Mandvi	10	435 9 6
Carnac	1	45 3 2
Total ...	424	18,176 15 7

125. In addition to these, 88 storm-water connections were made at a cost of Rs. 3,179-5-2.

126. Several branch drains of 6″ diameter were laid for bringing certain premises proposed to be drained within 100 feet of the Municipal sewers. About 225 estimates and 2,700 plans were prepared for Notices under Sections 230, 231, 232 and 232A of the Municipal Act.

127. A portion of the staff was also engaged on the supervision of the drainage of all the newly erected buildings through the City, in framing and serving Notices and Summonses for contravening Section 231 of the Act and in supervising the work required to be carried out in respect of premises in newly sewered districts.

128. Action was taken under Section 231 of the Municipal Amendment Act, calling upon the owners of the properties comprised in the Malabar Hill sewered area to have their premises connected with the new sewers. Of the 99 Notices served, 82 were complied with during the year and in 17 cases the works were in progress.

129. The work of remodelling the groups or blocks of buildings draining into common housegullies, referred to in the last Administration Report, was continued and the following housegullies were remodelled during the year out of funds voted for the purpose, the expense being subsequently recovered from the house owners as provided under Section 232A of the Municipal Act:—

Serial No.	Job No.	Particulars and situation of General House Gullies.	Estimated cost.			Actual cost.		
			Rs.	a.	p.	Rs.	a.	p.
1	7A	General house gully between Mastan Tank Road, Undria Cross Street, Mastan Tank Street and Undria Street.	1,229	0	0	692	14	2
2	8A	General house gully between Memonwada Road and Nagdevi Street	2,990	0	0	1,786	15	2
3	9A	General house gully between Kumbharwada Street, Duncan Road, Bapty Road, Grant Road and 2nd Duncan Road Cross Lane	1,523	0	0	919	14	9
4	10A	General house gully between Musjid Bunder Road, Narayan Dhuru Street and Nagdevi Street	1,056	0	0	641	6	0
5	11A	General house gully between Shamset Street, Sutar Chall Street, Abdul Rahiman Street and Shaik Memon Street	2,963	0	0	1,763	5	9
6	12A	General house gully between Mirza Street, Shamset Street and Abdul Rahiman Street.	1,293	0	0	559	8	8
7	13A	General house gully between Ali Umar Street, Kazi Street and Pinjrapole Street	3,538	0	0	2,634	1	0
8	19A	General house gully between Jakaria Masjid Street and Kambekar Street	4,036	0	0	2,488	2	5
9	27A	General house gully between Abdul Rahiman Street, Mirza Street and Dhunji Street	1,229	0	0	811	8	11
10	28A	General house gully between Abdul Rahiman Street, Bhajipala Street, Janjikar Street and Sarang Street.	4,682	0	0	2,938	1	7
11	34A	General house gully between Abdul Rahiman Street and Dhunji Street	2,295	0	0	1,567	5	1
		Total Rs. ...	26,834	0	0	16,803	3	6

130. The work was carried out departmentally under the supervision of the Head Plumber in addition to his current duties.

PROVISION OF MANHOLES AND INSPECTION CHAMBERS OVER STORM-WATER DRAINS.

131. The work was in progress and the total certified expenditure amounted to Rs. 6,557-10-2 at the close of the year.

IMPROVED COVERS OVER WATER ENTRANCES.

132. As an experiment light C. I. hollow covers with the hollow part filled in with 3″ of concrete were provided in place of gratings over certain of the water entrances and were found more effective for the purpose than the ordinary method of providing iron plates underneath the gratings. During the monsoon these covers will be replaced with gratings.

REMOVING SILT AND CLEANING THE OLD MAIN DRAIN AND THE WORLI CHANNEL.

133. A sum of Rs. 3,200, was provided for this work which was being carried out departmentally and was in progress at the close of the year. The certified expenditure on the work up to 31st March 1909 amounted to Rs. 1,049-8-7.

MAINTENANCE AND UPKEEP OF OPEN MAIN DRAIN AND LOW LEVEL CHANNELS.

134. A sum of Rs. 5,000 was provided for the work which was taken in hand after the S. W. Monsoon and was in progress. The certified expenditure amounted to Rs. 1,941-0-3 at the close of the year.

REPAIRING THE FLUSHING CHAMBERS, AND CISTERNS, INCLUDING MATERIALS.

135. A grant of Rs. 1,000, was provided for the work. It was carried out departmentally at a total cost of Rs. 771-2-10.

PUBLIC LATRINES AND URINALS.

136. The work of constructing the following latrines and urinals was entrusted to the Petty Works Contractor of which the first mentioned was carried out and the remaining three were deferred for reasons stated against the same :—

	Rs. a. p.	
10 seated latrine at Sewri Cross Road.	731 10 2	
4 seated latrine at Babulnath Temple. 2 seated urinal at Babulnath Temple.		Stopped owing to the dispute between the Trustees of the Temple and the Secretary, Parsi Panchayat, regarding the site.
2 seated Torfit Pattern urinal at Cavel.		Stopped owing to the objection raised by the owner of the adjoining property.

137. The work of constructing 11 latrines and urinals which was in progress last year was completed by the Contractors, Messrs. Abdulally Karimbhai & Co., at a total cost of Rs. 12,806-6-4.

138. The Corporation under their Resolution No. 1735 of 20th July 1907, sanctioned a grant of Rs. 6,542 out of Loan funds for the construction of 11 urinals on the Port Trust Estate at the following places; the work was entrusted to and completed by Messrs. Abdulally Karimbhai & Co., during the year at a total cost of Rs. 6,480-9-4 :—

Two seated Trough Pattern Urinal at Ahmedabad Street.
Two seated do. at Baroda Street.
Two seated do. at Broach Street.
Two seated do. at Surat Street.
Two seated do. at Masjid Bridge Road.
Two seated do. at Coorla Street at one end.
Two seated do. at Coorla Street at the other end.
Two seated do. at Thana Street.
Two seated do. at Kalyan Street.
Two seated do. at Poona Street.
Two seated do. at Sholapur Street.

139. A contract was entered into with Messrs. Abdulally Karimbhai & Co., for the construction of 18 latrines and urinals at the following places, the cost being met from the grant of Rs. 62,163 provided in the Loan Works Budget for the construction of these conveniences :—

One six-seated Torfit Pattern Urinal in Dhobi Street.
One three do. do. at the junction of Shaik Buran Street and Bellasis Road.
One three do. do. at Chandanwadi.
One three do. do. at Ripon Road.
One six do. do. at Clerk Road near Jacob's Circle.
One six do. do. at Naigaum Road, near Bamnoli Village.
One six do. do. at the junction of Parel Chall Road.
One six do. do. at Elphinstone Road.
One six do. do. at DeLisle Road near premises No. 441.
One six do. do. at the junction of Fergusson Road and Tulsi Pipe Line Road.
One six do. do. at Picket Road.
One two-seated latrine at DeLisle Road, south of the Sheep Market.
One four do. at the north-west corner of Two Tanks at Grant Road.
One four do. at Haines Road near Pradhan Tank.
One twelve do. at Naigaum Road near the Collecting Depot in Bamnoli Village
One twelve do. at DeLisle Road.
One twelve do. at Arthur Road near premises No. 158.
One twelve do. at the junction of Fergusson Road and Tulsi Pipe Line Road.
One twelve do. at the junction of Arthur Road and Kalachowki Road.

140. The work was completed at a total cost of Rs. 31,032-4-4 with the exception of the last item as the ground which is in charge of the Collector was not handed over to the Municipality. On this being done the work will be carried out.

141. As the Health Department reported favourably about the Torfit Pattern Urinals they were provided in place of improved Trough Pattern ones. This class of urinal requires no water for floushing purposes but they have to be periodically painted with a patent chemical to keep them sanitarily clean. The materials for these urinals were supplied by Mr. K. R. Vacha, the manufacturer's Agent under a contract.

DISCONNECTING STAND-PIPES FROM STORM-WATER DRAINS AND CONNECTING THEM TO MUNICIPAL SEWERS.

142. The remaining portion of the work was completed during the year. The total cost of the work amounted to Rs. 2,337-8-5.

CONSTRUCTION OF RELIEVING ARCHES IN CONNECTION WITH THE OLD MAIN DRAIN AT FALKLAND ROAD.

143. The work was resumed after the rains and was in progress at the close of the year. The expenditure incurred was Rs. 5,106-8-4.

REPLACEMENT OF STONE WARE PIPES IN COLABA SECTIONAL DISTRICT BY CAST-IRON PIPES.

144. A further grant of Rs. 5,000 was provided for this work, which together with the renewed grant of Rs. 2,548-1-0 out of the balance of the preceding year's grant, amounted to Rs. 7,548-1-0. The whole of this grant was spent on the work.

CONNECTING ROAD WATERING STAND POSTS AND TANKS TO THE MUNICIPAL SEWERS.

145. Out of the balance of Rs. 5,816-9-3 available from the grants provided in the preceding years, six works were entrusted to the Petty Works Contractor but as they were not completed *ad-interim* bills amounting to Rs. 708-2-7 were prepared and paid to the Contractor during the year.

146. The following works which were in progress as stated in the last Administration Report were completed during the year :—

		Grant provided Rs.	Actual cost. Rs.	a.	p.
(1)	Renewing the old type gullies at Apollo Street ...	5,600	4,727	9	11
(2)	Renewing the old type gullies at Frere Road... ...	3,156	2,687	4	9
(3)	Constructing a slab covered drain and filling in the open side drain in Dady Shet Agiary Lane from Girgaum Road to Fanaswadi	3,534	3,043	1	4

DIVERSION OF SEWERS AND STORM-WATER DRAINS AT MAZAGON AND REAY ROADS.

147. As reported in the previous Administration Report, the major portion of this work was completed. The remaining work of shifting manholes and altering a 9″ pipe line were in progress at the close of the year.

148. The total certified expenditure on the work amounted to Rs. 18,024-14-8 on the 31st March 1909.

CLEANING STORM WATER DRAINS.

149. This work for which a grant of Rs. 6,000 was provided under the head of labour was taken in hand at the close of the year, after the 20 extra silt carts required for the purpose were made and supplied by the Municipal Workshops, at a cost of Rs. 3,160.

CONSTRUCTION OF CHANNELS FOR DRAINING THE LEAKAGE ALONG THE LOWER PORTIONS OF MALABAR HILL.

150. This work being necessary to effectually drain all leakage from the Malabar Hill Reservoir, a sum of Rs. 4,660 was sanctioned for the same from surplus cash balance. It was completed on 10th March 1909. The certified expenditure on the work amounted to Rs. 2,840-5-7 at the close of the year.

DRAINAGE SLUICES, &C., &C.

151. The sluices, penstocks, outfalls, tidal flaps and fair weather connections in charge of the Drainage Branch were worked satisfactorily during the year by the staff provided for the purpose and the expenditure for their maintenance was within the budgetted grants.

MISCELLANEOUS.

152. Works to the extent of about Rs. 40,141 including the repairs and alterations to and flushing and cleaning of sewers and drains generally, and making minor additions thereto, and the drainage arrangements of the various health camps were carried out under the supervision of the Chief Inspector, Drainage. Out of these, works costing about Rs. 20,450 were carried out departmentally and the rest were executed through the agency of the Petty Works Contractor.

153. Daily reports in the prescribed form showing the progress made in the work of cleaning main sewers and pipe sewers by means of scrapers and discs were submitted by the Chief Inspector.

154. The main drain from Clerk Road to Love Grove Pumping Station could not be dredged without seriously affecting the efficiency of the Engines, owing to the large quantity of silt finding its way there, but towards the end of the year it was noticed that the sewers were so seriously and frequently surcharged as to render the above work necessary. Accordingly the work was taken in hand and scrapers were put in after making due arrangements in consultation with the Deputy Executive Engineer, Mechanical Branch, from the Clerk Road Culvert and cautiously worked upwards towards the Pumping Station. At first, one gang of men was put in with dredges near the sump but as this did not prevent large quantities of silt entering the engine pumps, two were put in and finally three were provided.

155. Difficulty was experienced during part of the year in obtaining labour owing to numerous large works going on in the City.

E.

WATER WORKS.

Tansa Lake.

156. The rainfall for the year 1908, was 90·18 inches being 11· 8 excess of 81·18 inches, the average of the rainfall during the previous 5 years, *viz* :—

103·22	inches	in 1903.
73·90	„	in 1904.
56·74	„	in 1905.
75·96	„	in 1906.
96·10	„	in 1907.

157. On 8 days the rainfall exceeded 3 inches and on 16 days, it ranged between 1 inch and 3 inches.

158. The lowest level of the water in the Lake during the year was 393·56 T. H. D. on the 16th June 1908 ; the mean of the three lowest levels during the years 1905, 1906, and 1907 being 394·12 T. H. D.

159. The water in the Lake overflowed on the 13th July 1908, when the monsoon rainfall amounted to 32·76 inches.

160. The total quantity of water received in the Lake from the 1st June 1908, to 1st October 1908, including that which overflowed at the Wasteweir (*viz.*, 18,723 million gallons) and that which was passed into the duct in 122 days (*viz.*, 2,438 million gallons) amounted to 30,316 million gallons.

161. This quantity of water is equal to 44 per cent. of the total rainfall of 90·18 inches during the period mentioned, over the catchment area of 33,600 acres and amounting to 68,744 million gallons.

162. The quantity of water lost from the Lake from the 1st October 1907 to the 1st June 1908, was 8,839 million gallons or an average of 36·37 million gallons per day. Of this quantity, 5,537 million gallons were let out into the duct, the rest *viz.*, 3,302 million gallons being lost by evaporation in 243 days from the mean Lake area of 5 square miles. This is equal to 3·79 feet over the mean area of the Lake and gives an average evaporation of ·187 of an inch per day or 5·68 inches per month.

163. The observed evaporation from the Lake surface was as follows :—

October 1907...	6·7	inches.
November 1907	6·0	„
December 1907	5·2	„
January 1908	4·6	„
February 1908	5·3	„
March 1908	6·4	„
April 1908	6·9	„
May 1908	6·47	„
	47·8	inches.

or an average of 5·97 inches per month during the months mentioned.

164. Of 5,537 million gallons let out into the duct at Tansa in 244 days from 1st October 1907, to 1st June 1908, or 22·7 million gallons per day only about 17 million gallons reached Ghatkoper Siphon head, the balance being lost by leakage, evaporation from the duct, and overflow at the different Siphon heads.

165. During the year under report there were the following bursts on the Tansa 48" main.

(1) On the 48" Tansa main near Pogaon on 26th February 1909.

(2) At Kurla Creek on 8th March 1909.

Vehar Lake.

166. The rainfall for the year 1908, was 76·54 inches being 4 per cent. in excess of 73·49 inches that being the average of the rainfall during the previous 5 years, *viz* :—

91·30	inches in	1903.
73·86	„	1904.
46·77	„	1905.
67·03	„	1906.
88.51	„	1907.

167. On 5 days the rainfall exceeded 3 inches and on 16 days it ranged between 1 inch and 3 inches.

168. The lowest level of the water in the Lake during the year was 249·00 T. H. D. on the 16th June 1908. The level of the water in the Lake on the 1st April 1909 was 251·34 T. H. D.

169. The level of the water on the corresponding date in the years 1904 to 1908 was as noted below :—

1st April.	1904	256·91 T. H. D.
	1905	255·18 T. H. D.
	1906	245·25 T. H. D.
	1907	245·08 T. H. D.
	1908	253·25 T. H. D.

170. The highest level to which water rose in the Lake during the year was 260·27 T. H. D. or 4·23 below the Wasteweir.

171. The quantity of water drawn from the Lake from the 1st October 1907, to 1st June 1908, was 3,990 million gallons or an average of nearly 16·3 million gallons per day, including evaporation and leakage; while from 1st October 1908, to 1st April 1909, it was 2,672 million gallons or an average of 14·6 million gallons per day, including evaporation and leakage.

172. Allowing 12 million gallons per day for evaporation, leakage and supply to the City during the 122 days of monsoon and 185 million gallons received from the Wasteweir of Tulsi Lake, the total quantity of water received in the Vehar Lake from the 1st June 1908, to 1st October 1908, was 4,544 million gallons. Of this quantity, 4,359 million gallons was collected from the Vehar catchment area which amounts to 63·4 per cent. of the total rainfall of 76·54 inches during the period mentioned over the catchment area of 3,900 acres and amounting to 6,870 million gallons.

173. The observed evaporation from the Lake surface was as follows :—

April	1908	6·0 inches.
May	„	6·0 „
November	„	3·0 „
December	„	3·0 „
January	1909	3·1 „
February	„	2·8 „
March	„	3·1 „
		27·0 inches.

174. This gives an average of 3·857 inches per month during the months mentioned or an average of 3·8 million gallons per day for the mean Lake area of 1,300 acres.

175. That portion of the old 32" Vehar main laid within the limits of the G. I. P. Railway between Kurla and Dadar, was removed during the year and since the 4th of July 1908, Vehar water has been brought into the City upto Dadar, through the new 48" > 32" main which is laid by the side of the 48" Tansa main.

176. The new Vehar main has been laid of 48" diameter, from the old 32" main at Kurla up-to and connected with the 48" Tansa main near Chemboor Sluice House, from this point the main reduces to 32" diameter and is laid by the side of the Tansa main as far as the culvert in Vincent Road, north of Naigaum Cross Road. From Vincent Road, a temporary 32" connection has been made between the new main and the old main, west of the G. I. P. Railway.

177. During the year there were the following bursts on the Vehar mains :—

(1) 32" pipe burst at Vincent Road, opposite the Police Chauki on 28th June 1908.

(2) 32" pipe burst at a point 600 feet to the south of Sion Bridge on 3rd July 1908.

(3) 32" pipe burst at Vincent Road in the vicinity of Jubilee Cottage on 6th July 1908.

(4) 48" pipe cracked near the diversion point at Kurla on 13th July 1908.

(5) 32" pipe burst at Vincent Road opposite the Police Chauki on 11th November 1908.

(6) 32" pipe burst at Vincent Road midway between Futka Tank and Jubilee Cottage on 5th March 1909.

Tulsi Lake.

178. The rainfall for the year 1908, was 101·96 inches being 5·6 per cent. in excess of 96·49 inches that being the average rainfall during the previous 5 years, *viz* :—

129·16	inches in	1903.
85·58	„	1904.
55·72	„	1905.
92·62	„	1906.
119·41	„	1907.

179. On 10 days the rainfall exceeded 3 inches and on 15 days it ranged between 1 inch and 3 inches, the heaviest rainfalls being 6·27, and 7·8 inches and 5·28 inches on the 30th June, 4th July and 21st September respectively.

180. The highest level to which water rose in the Lake during the year, was 456·84 T. H. D. on the 26th August 1908. Overflow at the Wasteweir (reduced level) commenced on the 24th August 1908.

181. The lowest level of the water in the Lake during the year, was 431·06 T. H. D. on the 16th June 1908. The level of the water in the Lake on the 1st April 1909, was 442·62 T. H. D. as compared with 438·20 T. H. D. on the corresponding date of the previous year.

182. The quantity of water drawn from the Lake from 1st October 1907, to 1st June 1908, was 1,363, million gallons in 244 days or 5·5 million gallons per day including evaporation and leakage.

183. The quantity of water drawn from the Lake from 1st October 1908 to 1st April 1909 was 1,073 million gallons in 182 days or 5·9 million gallons per day including evaporation and leakage.

184. Allowing 6·10 million gallons per day for evaporation, leakage and supply to the City for 122 days (at the rate of 5 million gallons per day) and 185 million gallons overflow from the Wasteweir, the total quantity of water received in the Lake from 1st June 1908 to 1st October 1908, was 2,454 million gallons. This quantity is equal to 62·4 per cent. of the total rainfall of 101·96 inches over the catchment area of 1,700 acres and amounting to 3,932 million gallons.

185. The observed evaporation from the Lake surface was as follows :—

April	1908	4·5 inches.
May	„	4·4 „
November	„	3·0 „
December	„	3·1 „
January	1909	2·8 „
February	„	2·8 „
March	„	5·0 „
		25·6 inches.

186. This gives an average of 3·7 inches per month, or an average of ·84 million gallons per day for a mean lake area of 300 acres.

Tulsi Tunnel Works.

187. The Tulsi Tunnel Works were completed on the 26th June 1908. The tunnel is now clear for a length of 315 feet from its south end towards the lake and the inspection of the pipes in this length of the Tunnel can be made at any time without difficulty. It is a matter for congratulation that this hazardous and difficult piece of work has been brought to a satisfactory termination.

188. The total cost of the work amounted to Rs. 55,255-6-5 against the sanctioned grant of Rs. 55,533-11-3.

BHANDARWADA (JOHN HAY GRANT) RESERVOIR AND FILTER BEDS.

189. The water-proofing works sanctioned under the Corporation's Resolution No. 7082 of 14th February 1907, which were commenced on 26th March 1907 have been in progress throughout the year. By the close of the year 1907-08, the walls and floors of Filters 8 and 9, the outlet channels therefrom and the Vehar inlet channel were plastered and completed, and the replacing of filtering materials and plastering of Filter No. 7 was in progress. Filter No. 7 has now been completed and filtering materials are being replaced. The outlet channels of Filters 1 to 7, cushion wells of all the Filters, open drain along east side of Filter No. 6, and the inner faces of the surrounding walls of Filters 5 and 6, have now been plastered and completed. The level of the top of the Vehar Inlet channel has been raised, concrete collecting drains have been formed on the floors of Filters 7, 8 and 9, and filtering materials have been washed and replaced in Filter No. 8 and partly replaced in Filters 7 and 9. Filter No. 8 was completed and charged on 15th September 1908 and Filters 7 and 9 will shortly be brought into use.

190. While examining the effect of the repairs to Filters 7, 8 and 9, on 15th September 1908, a crack was discovered along the haunch of the 5th Arch on the western side of Filter No. 9. This crack extended in a regular line for about 122 feet in length and allowed water to flow freely from the Filter to the Reservoir below. The cause of the crack is attributed to the upward pressure of air and water on the underside of the arch, causing it to lift bodily off the springing. After careful observations for several days, no further derangement of the arch was noticed and the crack was repaired by raking out, grouting and concreting over the haunch of the arch. To prevent any further accident of this kind, a wasteweir has now been provided in Reservoir No. 1 (below Filter 7, 8 and 9) so that the water in the Reservoir may not rise above the level of the springing of the arches.

191. On completion of the work of plastering, the surrounding walls of Filter No. 5, the Filter was tested to ascertain the leakage through the floor and from the results of these tests made on the 9th and 10th January 1909, it was found that the walls of the Filter were quite water-tight and the leakage through the floor alone was about 1,42,500 gallons per day.

192. To remedy the defects in the floor of Filter No. 5, it was originally decided that it should first be chiselled and roughened and be then plastered with Portland cement and sand but considering the heavy leakage, the method of repair is not considered likely to be effective and proposals for removing the old floor and constructing a new one of reinforced concrete, are under consideration. Proposals have also been made for providing stoneware drains under the floor of the Filter for carrying of subsoil water which collects under the Filter and causes damage to the floor.

193. Out of the grant of Rs. 87,725, sanctioned for these works, the total expenditure amounted to Rs. 43,103, at the close of the year 1908-09.

MALABAR HILL RESERVOIR AND FILTER BEDS.

194. The Reservoir and Filter Beds at Malabar Hill have been maintained in an efficient state throughout the year.

195. To improve the conditions of storage in this Reservoir, the Municipal Corporation sanctioned a grant of Rs. 11,512, to meet the cost of the following works :—

A. Fixing additional ventilators in the roof over Reservoir No. 2 (Settling Basin).

B. Altering and improving the existing cast-iron ventilators over Reservoir No. 1 (Distributing Basin); and

C. Laying drains for the collection and removal of rain water.

196. Tenders for these works were first invited on 9th April 1908, but none having been received, they were again invited on 28th October 1908, when one tender was received from Messrs. Esufalli Tajbhoy & Co. As the amount of this tender exceeded the sanctioned grant by about Rs. 4,892, it was not accepted. Messrs. Virji Teju & Co., having subsequently offered to carry out the works, their offer is under consideration.

SUPPLY AND DISTRIBUTION.

197. The works involved in laying the Kurla Creek Section of the 32″ diameter Vehar main and joining this Section with those already laid on the northern and southern sides of the Creek were completed by 30th June 1908 at a cost of Rs. 25,816. The work of removing the old 32″ Vehar pipes laid within the G. I. P. Railway limits, between Kurla and Dadar Railway Stations was commenced departmentally on 1st September 1908. The total length of piping to be removed at present is 21,600 R.ft. out of which 19,200 R. ft. have been disjointed and the pipes are being conveyed by the G. I P. Railway Co., to Dadar Station from whence they are being carted by the Municipality, to the Naigaum Tank Pipes Depot. Tenders have been invited for testing, cleaning, coating and relaying these pipes from the end of the new Vehar main in Vincent Road, along Vincent Road, Suparibaug Road and Curry Road up to the junction of Curry Road and the G. I. P. Railway where a temporary connection will be made with the old Vehar main. After this section of the work is completed, the old pipes laid between Dadar and Curry Road will be removed and relaid along Curry Road and De'Lisle Road up to Byculla.

198. The expenditure incurred up to the end of the year in removing the old Vehar pipes amounted to Rs. 16,804.

199. The laying of a 24″ > 18″ Inlet main from the Tansa main at Kalachowki to the Bhandarwada Reservoir which was commenced departmentally on the 18th December 1907 was completed on 31st December 1908 and Tansa water is now supplied to the Reservoir through this main.

200. The work of laying 9″ service mains in Reay and Connaught Roads which was commenced on 25th November 1907 was carried on and completed during the year.

201. The work of laying a new 22″ < 32″ Inlet main to Malabar Hill Reservoir from the end of the Tansa main at Chinchpokli Level Crossing was commenced departmentally on 1st September 1908. This main was originally intended to be laid along Arthur Road, Tardeo Road, Forjett Street, Gowalia Tank and Gibbs Road to the Reservoir but owing to obstructions in Tardeo Road, the difficulty of crossing the B. B. & C. I. Railway, the open main drain at Bellasis Bridge and the Gibbs Road Bridge, it was considered advisable to change the route and the main is now being laid along Arthur Road and Gilder Street to Grant Road where it has been connected to the existing 32″ Grant Road main. A sluice valve has been fixed on the Grant Road main east of this connection, and that portion of the old Grant Road 32″ main which crosses the B. B. & C. I. Railway will now be utilized as part of the new Inlet main. From the junction of Tardeo and Grant Roads, the new inlet main has been continued along new Gamdevi Road and Babulnath Road to the Reservoir. The work is almost completed. The certified expenditure on this work up to the end of the year amounted to Rs. 2,46,000.

202. The object of the new inlet mains to Malabar Hill Reservoir and Bhandarwada Reservoir is to permit of the whole quantity of water received from the Tansa Lake being delivered into the two Reservoirs instead of being supplied direct to the City as at present.

203. Tenders for the supply of pipes and castings required for laying an additional outlet main from Malabar Hill Reservoir to Chaupati were invited during the year. Out of 7 tenders received, Messrs. Geo. Service & Coy.'s was the lowest and has been accepted. When this main is laid the pressure of water in the Fort and Colaba Districts will be much improved.

204. Additional water service mains have been laid in the following districts during the year :—

(A) Colaba Reclamation :—New 5″ mains in all the roads constructed by the City Improvement Trust including a 6″>5″ main in Wodehouse Road extending over the Wodehouse Bridge and continued down Ormiston Road up to Colaba Road. Fire hydrants (stand post pattern) for fire and road watering purposes have also been provided throughout the scheme.

(B) Apollo Reclamation :—Additional 5″ and 6″ diameter fire service mains with hydrants (stand post pattern) for fire and road watering purposes, in all the Streets where water mains did not previously exist.

(C) Gamdevi Estate :—New 5″ and 6″ mains to which fire and road watering hydrants of stand post pattern are being connected.

(D) Mathew Road Scheme :—A new 6″ main from Queen's Road to Girgaum Road. Fire and road watering hydrants of stand post pattern are being fixed along this main.

(E) Gilder Street :—A new 9″ main from the 32″ Grant Road main to the 9″ main in Bellasis Road to improve the pressure in the Agripada District. Water mains which were found to be old, corroded and of insufficient capacity have been replaced, departmentally in the following localities during the year.

(F) Mazagaon Road :—The old 4″ and 7″ mains in this road being old, corroded and too small for present requirements, a new 12″ main has been laid from the 14″ main near Nesbit Road up to the junction of Mazagaon and Mount Roads.

(G) Matharpakhdi :—The old 3″ main in this road has been supplemented by a new 6″>5″ main laid from the new 12″ main in Mazagaon Road to the new 9″ service main in Reay Road.

(H) Mount and Ghorupdeo Roads :—A new 9″ main in Mount Road reducing to 6″ in Ghorupdeo Road is being laid to supplement the old 3″ main which is too small for present requirements. The work has now advanced from the end of the new 12″ main in Mazagaon Road up to Victoria Road and the remaining portion of the work will shortly be completed.

(J) B Ward :—The work of replacing the old 3″ mains by others of larger diameters in B Ward, was commenced on 1st November 1908. The 3″ mains in Immamwada and Peru Lanes have now been replaced by 6″ and 5″ mains respectively and further works in this Ward are in progress. All the pipes and castings required for works A to J were supplied during the year by Messrs: Burn and Co. The pipes and castings were manufactured by Messrs. Stewart and Lloyds and the sluice valves by Messrs. Glenfield and Kennedy Co. In addition to the pipes and castings required for the above-mentioned works, Messrs. Burn and Co., have also supplied the pipes, valves and castings for the following works which are shortly to be taken in hand :—

Laying 6″ main in Suparibaug Road.
„ 9″ „ along drainage channel at Worli.
„ 5″ „ in Huzaria Street.
„ 5″ „ in Bapu Khote Street.
„ 5″ „ in Agripada District.

205. The total quantity of pipes and castings supplied by Messrs. Burn and Co., during the year for various new works amounted to about 1,500 Tons or about 18 miles of piping. About 66 Tons of pipes and castings were also supplied by Messrs. Turner Hoare and Co., during the year for the following new works :—

Extending 6″ main in Sewri Road.
Laying 5″ main in Mahomedan Street.
„ 5″ „ in Mughbat Cross Lane.

206. About 300 hydrants for road watering purposes were fixed during the year on the existing mains in various parts of D Ward.

207. The following statement shows in detail the various new mains laid during the year :—

Ward.	Locality.	Name of Street.	Size of main.	Length of main.	Date of completion of work.	Remarks.
			Inches.	Feet.		
A	Colaba Reclamation ...	Ormiston Road.	5	686	28-12-08.	
		Wodehouse Road	5	3,170	28-12-08.	
		Do.	6	1,400	26- 2-08.	laid in 1907-08.
		Kittridge Road	5	405	28-12-08.	
		Do.	6	325	26- 2-08.	laid in 1907-08.
		Fazul Road	5	438	28-12-08.	
		Khatao Road	5	379	28-12-08.	
		Panday Road...	5	321	28-12-08.	
		Cuffe Parade	5	2,155	28-12-08.	
		Centre Road	5	704	28-12-08.	
		Colaba Cross Lane	6	190	26- 2-08.	laid in 1907-0 8.
A	Apollo Reclamation ...	Henry Road	6	309	4- 3-09.	
		Strand Road	6	1,220	4- 3-09.	
		Ormiston Road	5	298	4- 3-09.	
		Naoroji Fardunji Road ...	5	747	4- 3-09.	
		Tulloch Road	5	355	4- 3-09.	
		Mandlik Road	5	423	4- 3-09.	
		Landsdowne Road	5	591	4- 3-09.	
		Stevens Road	5	316	4- 3-09.	
		Battery Street	5	314	4- 3-09.	
D	Mathew Road Estate ...	New Mathew Road	6	1,160	10- 3-09.	
D	Gamdevi Estate	Hughes Road	6	2,500	30- 4-09.	
D		Road No. 3	6	920	30- 4-09.	
		Road No. 4	5	970	30- 4-09.	
		Road No. 5	5	910	30- 4-09.	
		Road No. 6	5	920	30- 4-09.	
		Road No. 7	5	715	30- 4-09.	
		Cross Road to Roads Nos. 4, 5 and 6.	5	550	30- 4-09.	
D		Road connected at one end with the Cross Road and at the other end with Gowalia Tank Road.	5	1,070	30- 4-09.	
E	Mazagaon	Mazagaon Road from Nesbit Road to Mount Road.	12	230	31- 3-09.	
E	Do.	Mount Road from Mazagoan Road to Victoria Road.	9	2,320	31- 3-09.	
E	Do.	Ghorupdeo Road from Mount Road.	6	4,000	Work in progress.	

Ward.	Locality.	Name of Street.	Size of main.	Length of main.	Date of completion of work.	Remarks.
			Inches	Feet.		
E	Tardeo Road	Gilder Street from Grant Road to Bellasis Road.	9	2,700	15- 5-09	
B	Umerkhadi	Imamwada Road from Parel Road to Jail Gate.	6	850	30- 4-09	
B	Do.	Peru Lane from Parel Road to Imamwada Road.	5	600	30- 4-09	
B	Do.	1st Umerkhadi Cross Lane from Jail Road to Umerkhadi Road.	5	540	30- 4-09	
E	Chinchpokli	Arthur Road from Chinchpokli Station to Gilder Street.	22	4,650		
E	Tardeo	Gilder Street from Arthur Road to Falkland Road.	22	4,900		
D	Chaupati	New Gamdevi Road from Grant Road Bridge to Babulnath Road.	32	2,400		
D	Do.	Babulnath Road from Gamdevi Road to Malabar Hill Reservoir.	32	1,580		
E	Chinchpokli	Kalachowki Road from Parel Road to Reay Road.	24	600	31-12-08	
	Do.	Do.	18	1,350		
	Do.	Reay Road from Kalachowki Road to Gunpowder Road...	18	6,700		
E	Mazagaon	Gunpowder Road from Reay Road to Bhandarwada Reservoir.	18	2,900		
E	Do.	Reay Road from Coppersmith Street to Kalachowki Road.	9	6,650		
E	Byculla	Connaught Road from Parel Road to Reay Road.	9	3,050		

LISTS OF BURSTS REPAIRED DURING 1908-09.

208. There were 132 bursts detected during the year as against 170 detected during 1907-08, 97 during 1906-07 and 127 during 1905-06:—

69	Bursts on	3″	main.
23	„	4″	„
4	„	5″	„
23	„	6″	„
5	„	7″	„
1	„	9″	„
1	„	15″	„
1	„	18″	„
4	„	32″	„
1	„	48″	„
132			

209. The number of new connections made during the year was 552 including 24 branch connections. The connections cut off for various reasons numbered 361. The net increase, therefore, in the connections is 191 or ·86 per cent. The total number of connections now stands at 22,054.

210. The total number of meters at present in use is 3,121. Of these, 1,861 or 59·6 per cent. were removed and tested during the year with the following results :—

Stopped working	785
Working slow	120
Working fast	1
Test correct	955

These figures do not include a large number tested on the spot without removal.

211. The number of disconnection orders submitted to the Standing Committee from time to time during the year was 187. All these were sanctioned and have been dealt with as follows :—

(1) Disconnections not enforced as the parties complied with the requirements	124
(2) Disconnections enforced	63

Financial.

212. The budget grant for the maintenance of Water Works, Ordinary Branch, for the year was Rs. 2,57,333, which with the lapsed grants renewed and with the transfers and additional grants sanctioned amounted to Rs. 2,66,327-12-3. The total expenditure incurred against this sum and paid for during the year, amounted to Rs. 2,36,143-3-1. This shows an unexpended balance of Rs. 30,184-9-2, a portion of which will be renewed in 1909-10 to meet the liabilities incurred but not paid during the year.

WORKS DONE FOR MUNICIPAL DEPARTMENTS AND PRIVATE PARTIES.

213. The amount of works executed during the year compared with that of the preceding year, was as follows :—

	During 1907-08.		During 1908-09	
	No. of bills.	Value.	No. of bills.	Value.
		Rs. a. p.		Rs. a. p.
Departmental Works	2,716	85,587 1 5	2,497	1,50,256 1 10
Private Works	710	19,737 1 3	588	9,827 1 6

SPECIAL BRANCH, WATER WORKS.

214. The Special Branch of the Water Works Department continued their operations throughout the year with the result that 821 underground and 5,394 aboveground defects were detected and remedied. Some of these defects were of a very extensive nature such as the joint leaks on the 32" Vehar main near the G. I. P. Railway Stores, Parel, and in Nesbit Lane Passage; 27" Tulsi main in Clerk Road; 27" Tansa main at the junction of Kalachowki and Parel Chawl Roads; 26" Tansa main at Chaupati; 24" Vehar main at the junction of Kalachowki and Parel Chawl Roads; 20" main in Dongri Street and 15" main in Elphinstone Road, and bursts, joint leaks, &c., on smaller mains.

215. The following comparative statement shows the total length of water main examined during the year under report and preceding years :—

	Excluding 2nd and subsequent tests.	Including 2nd and subsequent tests.
Total length of mains examined from 23rd December 1903, to 29th June 1904	209,834	273,497
Total length of mains examined from 1st July 1904, to 31st July 1905	502,731	877,754
Total length of mains examined from 1st August 1905, to 31st March 1906	35,579	484,124
Total length of mains examined from 1st April 1906, to 31st March 1907	31,351	1,018,061
Total length of mains examined from 1st April 1907, to 31st March 1908	3,220	1,014,859
Total length of mains examined from 1st April 1908 to 31st March 1909	36,290	1,428,455
	819,005	5,096,750

216. The total length of mains of large diameter sounded during the year, was 53 miles and 4,130 feet as compared with a length of 45 miles 1,650 feet sounded during the previous year.

217. The number of defect notices issued by the Water Works Department during the year, was 4,496 against :—

4,452	issued	during	the	year	1902-03
4,722	„	„	„	„	1903-04
8,879	„	„	„	„	1904-05
7,514	„	„	„	„	1905-06
5,072	„	„	„	„	1906-07
3,371	„	„	„	„	1907-08

218. Most of the old service pipes were found on examination to be in a very unsatisfactory condition and a marked improvement in the water-supply to properties has been observed since the underground portion of the services was renewed.

219. Particulars of the defects and leaks detected and remedied and of underground portions of service pipes taken over and renewed from 1st April to 31st March 1909 are given in the following statements :—

Period.	Nature of defects found on mains and underground portions of service pipes from the connections with the main up to and including the stop cocks.																		Nature of defects found aboveground beyond Road stop cocks and inside houses, &c.								
	Main.		Sluice valves.		Hydrant.				Service pipes, coupling, holes, &c.		Stop-taps.				Disconnected service pipe.		Water post.	Miscellaneous (Meters, holes in main, etc.)	Stop taps.	Bib tap, taper taps.			Service pipe.	Ball valves out of order.	Storage tanks without ball valves.	Meter, Flange, couplings, &c.	Miscellaneous (masonry of trough, connections without bib taps, etc.)
					Old pattern.		New pattern.				Old pattern.		New pattern.							Out of order.	Leaking.	Left open.					
	Burst.	Joint.	Heavy.	Slight.	Heavy.	Slight.	Broken.	Leaking.	Heavy.	Slight.	Heavy.	Slight.	Heavy.	Slight.	Ferrule leak.	Pipe leak.											
April ... 1908	4	2	...	3	...	4	...	10	3	23	...	22	...	3	1	4	...	...	...	27	153	58	16	...	...	...	4
May ... „	...	4	...	5	1	9	...	5	5	9	...	7	...	6	1	...	1	...	4	24	175	11	10	2	1	...	...
June ... „	1	7	...	3	...	3	2	7	3	12	...	19	...	4	1	2	...	...	2	23	349	...	15	1	...	1	1
July ... „	3	1	...	4	1	4	...	3	2	12	7	13	...	4	...	6	...	...	...	37	346	...	20	...	...	1	4
August ... „	1	4	...	6	2	5	...	1	1	18	1	40	...	...	...	2	...	3	2	43	248	1	19	1	...	...	...
September „	...	4	3	6	...	6	...	1	4	30	2	29	...	2	...	3	...	1	1	13	153	...	23	...	...	1	1
October ... „	1	3	1	16	...	4	3	9	4	13	...	24	...	2	...	5	...	1	2	21	120	...	6	1	...	1	5
November. „	1	9	2	9	3	5	4	7	3	12	2	...	...	4	...	2	...	1	...	16	116	11	5	6	...	2	3
December. „	...	4	...	11	2	12	...	3	5	14	...	21	...	6	...	3	2	...	6	35	97	2	9	6	...	...	1
January ... 1909	3	9	...	6	1	10	...	3	3	8	1	9	...	...	1	1	2	1	1	24	66	...	13	3	...	1	3
February.. „	...	17	...	7	2	2	1	6	8	5	...	...	1	...	...	1	...	1	3	5	30	...	5	...	...	...	...
March ... „	1	15	...	7	...	5	...	...	5	8	...	3	...	4	...	...	...	...	1	10	66	...	4	...	...	...	...
Total ...	15	79	6	83	12	69	10	55	46	164	13	187	1	35	4	29	5	8	22	278	1,919	83	145	20	1	7	22

Total Number of Defects = 3,318 = (821 underground and 2,497 aboveground).

Period.	Bib taps leaking.	Taps running full bore, Taps found left open and pipes without taps.	Ball valves and tanks out of order and leaking.	Stop taps leaking.	Service pipe leaking.	Hydrants.		Sluice valve leaks.	Bursts.	Miscellaneous.*	REMARKS.
						Old pattern.	New pattern.				
April ... 1908	99	25	2	6	54	3	2	4	.....	14	
May ... „	109	42	1	9	32	1	2	2	.....	16	
June ... „	99	31	3	9	44	.....	.....	2	.....	13	* Building works, broken meters, trading places where there is unmetered supply.
July ... „	165	42	2	12	56	2	1	1	.....	20	
August ... „	134	38	.....	9	37	.....	.....	.....	.....	11	
September „	136	34	.....	1	35	.....	1	.....	.....	35	
October ... „	169	46	1	16	43	4	.....	1	.....	12	
November. „	168	37	.....	9	52	.....	.....	1	.....	27	
December. „	88	22	2	19	23	3	3	1	.....	11	
January ... 1909	145	43	2	6	51	1	.....	.....	.....	9	
February.. „	87	25	6	18	51	.....	.....	1	.....	17	
March ... „	114	34	3	17	77	2	2	1	.....	31	
Total ...	1,513	419	22	131	555	16	11	14	.....	216	

Total Number of Defects = 2,897.

Grand Total of Defects detected from 1st April, 1908, to 31st March, 1909 = 6,215 = (821 underground and 5,394 aboveground).

Financial.

220. The Budget grant allotted for the year for carrying on the works appertaining to the Special Branch, was Rs. 47,345 which with the lapsed grants renewed and additional grants sanctioned amounted to Rs. 49,300-5-9. The total expenditure incurred against this, amounted to Rs. 41,089-11-8.

221. This leaves an unexpended balance of Rs. 8,210-10-1, a small portion of which, will be renewed in 1909-10 to meet the liabilities incurred but not paid during the year.

F.

Regulation of Streets and Buildings.

Building Applications.

222. The following table shows the number of building plans (a) received (b) passed wholly or subject to certain conditions and (c) entirely disapproved during the last five years.

Year.	Number of building plans received.	Number of building plans passed wholly of subject to certain conditions.	Number of building plans entirely disapproved.
1904-1905	2,759	2,614	145
1905-1906	2,857	2,799	58
1906-1907	2,510	2,510	...
1907-1908	3,162	3,162	...
1908-1909	3,827	3,827	...

Notices and Summonses Issued.

223. 3,135 Notices were issued on house-owners under various Sections of the Municipal Act. These were 570 less than those issued during the previous year.

224. Prosecutions were instituted in the Magistrate's Court in 914 cases under different Sections of the Municipal Act against the house-owners who failed to comply with the Notices served upon them. In 451 of these cases the parties complied with Municipal requirements before service of Summonses and these were withdrawn. In 180 cases they were warned and discharged, in 189 cases they were convicted and fined and 94 cases were postponed to dates after the end of the current year. It is again necessary to draw attention to the large number of cases in which the Magistrates admit that the offence has been committed and yet fail to inflict any penalty.

225. The amount of fines realized was Rs. 1,387-4-0.

226. The following statement shows the different Sections of the Act under which the offenders were prosecuted and the other details of prosecutions during the year.

Superintendents of Divisions.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1909-1910.	Amount of Fines.
							Rs. a. p.
Superintendent, 1st Division ...	246	1	...	...	1	...	10 0 0
	251	1	1	...	...	...	...
	297 (3)	6	3	1	...	2	...
	313 (1)	1	...	...	1	...	5 0 0
	322	24	19	3	2	...	70 0 0
	347	24	16	3	4	1	30 4 0
	349	2	1	...	1	...	8 12 0
	349(B)	11	7	...	2	2	18 0 0
	349(C)	2	2	...	...	...	...
	353 A	3	3	...	...	...	...
	354	4	3	...	...	1	...

Superintendents of Divisions.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1909-1910.	Amount of Fines. Rs. a. p.
Superintendent, 2nd Division ...	231	17	16	1	...	...	...
	297(3)	17	5	3	3	6	28 0 0
	305	14	1	...	1	12	1 0 0
	308	9	8	...	1	...	10 0 0
	313	12	1	...	10	1	28 0 0
	322	29	19	4	1	5	1 0 0
	344	1	...	...	1	...	10 0 0
	347	158	98	17	17	26	134 0 0
	349 B	7	5	...	...	2	...
	349 C	1	...	...	...	1	...
	353	26	17	6	2	1	11 0
	353 A	52	34	7	5	6	15 0
	354	96	58	13	16	9	204 0
	Bye-law No. 39	3	3	...	...	...	...
Superintendent, 3rd Division ..	257	1	...	1	...	...	...
	305	4	1	3	...	...	...
	308	1	...	1	...	...	...
	311	1	...	1	...	...	...
	313	3	...	1	2	...	8 0 0
	322	15	3	11	1	...	25 0 0
	329	1	...	1	...	...	...
	347	91	22	43	24	...	186 0 0
	349 B	4	3	1	...	..	..
	349 C	4	...	3	1	...	7 0 0
	353	23	7	8	7	1	68 0 0
	353 A	53	6	27	19	1	88 0 0
	354	21	3	10	5	3	20 0 0
	Bye-law No. 39	4	...	2	2	...	10 8 0
Superintendent, 4th Division ...	304	5	5	...	...	...	...
	308	2	1	...	1	..	15 0 0
	322	8	7	1	...	..	...
	329	1	1	...	...	...	...
	347	52	24	2	20	6	133 0 0
	349 B	1	...	...	1	..	5 0 0
	353	21	11	1	7	2	44 0 0
	353 A	45	15	2	25	3	134 12 0
	354	26	18	3	5	..	39 0 0
	Bye-law No. 29	3	2	...	1	...	20 0 0
	Do. 39	3	2	...	...	1	...
Total ...	.....	914	451	180	189	92	1,387 4 0

Unsafe or Ruinous Buildings.

227. 364 Notices were issued for the removal of unsafe, dangerous or ruinous buildings. 316 of these were complied with either partly or wholly. In 23 cases structures were removed by the Municipality and 24 cases were pending at the close of the year. In 1 case (suit No. 166 of 1908 decided by the Honorable Mr. Justice Macleod on the 9th July 1908), the Municipality was restrained by an Injunction of the High Court from pulling down the structure and had to pay the costs of the Plaintiff. 13 buildings or parts of buildings fell down before they were observed by the Building Department. Fortunately no injury was done to life in 10 of these cases, but in 3 cases 8 persons were killed and seven injured.

Removal of Inflammable and Insanitary Huts.

228. Action was taken under Section 349 and 380 of the Municipal Act for the summary removal of 849 inflammable and insanitary huts. 804 of these were removed as required but as regards 45, correspondence was proceeding at the close of the year.

229. The following statement shows the number of cases submitted to the Standing Committee for the removal of unauthorized work during the year :—

Ward.	The number of cases in which applications were made to the Standing Committee for removal of unauthorized works.	The number of cases in which such sanctions were granted.	The number of cases in which the works were actually removed in accordance with the sanction of the Standing Committee.	The number of cases in which the unauthorized works were allowed to remain with modifications.	Cases in which the parties took proceedings against the Municipality in a Court of Law.	REMARKS.
A North ...	1	.....	.....	.....	.....	Standing Committee's orders are awaited.
A South ...	.....	.....	.....	.....	.....	
B North ...	.....	.....	.....	.....	.....	
B South ...	2	2	.....	.....	.....	Both the cases were pending at the close of the year. At the time of submitting this statement one of the unauthorized work is being removed by the owner. In the other case the owner is dead and the Engineer has asked for time.
C North ...	.....	.....	.....	.....	.....	
C South ...	.....	.....	.....	.....	.....	
D/1 ...	.....	.....	.....	.....	.....	
D/2 ...	.....	.....	.....	.....	.....	
E East ...	.....	.....	.....	.....	.....	
E West ...	2	.....	.....	2	.....	
F ...	.....	.....	.....	.....	.....	
G ...	1	.....	.....	.....	.....	Standing Committee's orders are awaited.

Streets Improvement or Setbacks.

230. The amount allowed for street improvement for the year 1908-09 was as follows :—

CURRENT REVENUE.

	Rs.	A.	P.
Amount provided in the Budget	1,00,000	0	0
LOAN WORKS.			
Grant provided in the Loan Works Budget ...	4,00,000	0	0
Total Rs. ...	5,00,000	0	0

231. Out of this amount Rs. 4,54,989-5-1 were actually paid during the year and Rs. 43,193-12-4 which were paid in 1907-1908 in excess of the revised estimate for that year were taken into the accounts of this year.

232. The following statement shows the areas and values of ground added to street in each Ward during the year :—

Ward.	Square Yards.	Value.		
		RS.	A.	P.
A	1,108·06	73,653	0	0
B	1,780·00	1,21,597	0	0
C	859·95	77,370	0	2
D	332·81	10,094	6	5
E	927·36	14,709	1	3
F	.....	.....		
G	38·76	778	4	0
Total ...	5,046·94	2,98,201	11	10

233. The following table shows the number of (1) setback cases enforced (2) setbacks added (3) setbacks paid for and (4) the area of ground (in square yards) added to streets during the last five years :—

Year.	Setback cases enforced.	Setbacks added.	Setbacks paid for.	The area of ground added to streets (in square yards).
1904-05	231	158	202	4,896·14
1905-06	259	194	161	6,250·21
1906-07	145	154	209	6,659·67
1907-08	137	133	125	7,263·46
1908-09	150	145	122	5,046·94

G.

ROADS, FOOTPATHS, &c.

REPAIRS AND MAINTENANCE.

Road Repairs.

234. The following statement gives items of works executed out of the sanctioned grant for road repairs and maintenance.

Particulars.	Quantity of work done in square feet.	Expenditure.		
		Rs.	a.	p.
Metalling including patching	11,224,743	3,53,283	7	6
Sand stoning	3,214,401	18,736	1	8
Scraping	.....	50,493	5	2
Repairs and maintenance of footpaths, bridges, culverts and road side retaining walls	.....	15,941	1	6
Road side trees fencing and maintenance	.....	8,564	13	8
Repairs, purchase and maintenance of tools and plant and other works incidental to the work of repairs to the roads, footpaths, &c.	.....	55,730	2	3
Total...Rs.		5,02,748	15	9

235. The area of the roads metalled inclusive of the approximate area of patches being 11,224,743 square feet and the expenditure incurred thereon being Rs. 3,53,283-7-6, the rate of metalling works out to 6·04 pies per square foot. The combined cost has been worked out in this manner for many years past, but as the patching work costs much less per square foot than full metalling, the figure does not fairly represent the average cost of the latter work.

236. Since the separation of the Road and Building Branches which brought into effect from 1st January 1909, carefully checked measurements are being kept of all full metalling, and in future reports, the cost of the work and the area metalled will be entered as a separate item.

237. The roads in the various parts of the City continued to be heavily disturbed during the whole of the year in consequence of the special operations in connection with the Telephone and Electric light works, in addition to the ordinary operations in connection with the Special Drainage and Water Works and new gas mains. As per the Corporation's Resolution No. 4384, dated the 12th October 1908, several roads disturbed by the various agencies were full metalled on an extensive scale during the year, and by the close of the year good progress was made in restoring them to an efficient condition. It cannot however, be reported that they are yet in a wholly satisfactory state and this is due to four causes :—

(1) To the number and extent of excavations as mentioned above.

(2) To extraordinary traffic.

(3) To the insufficiency of the grant for repairs and maintenance; and

(4) To insufficient supervision.

238. Under the first heading the greater part of the trunk mains for electric light and traction purposes and for telephones have now been laid and it is hoped that works under this heading will be reduced to small dimensions in future.

239. Under the second heading, a number of roads in the Sewri District have been badly cut up by carts, conveying earth to the Port Trust Reclamation works. Under the Highways Act in England, this would be classed as " extraordinary traffic " and the parties responsible for the same would have to bear the extra cost of upkeep. In the absence of any corresponding provision in the Municipal Act, the whole cost of the repairs due to this extraordinary traffic has to be met from the road repairs grant.

240. Under the third heading, it may be stated that the Committee of the Corporation appointed under the Corporation's Resolution No. 3631, dated the 3rd September 1908, in their report, dated the 30th of November 1908, found that the average increase in the cost of different materials and labour for road repairs during the last 8 years was 36 per cent. while the corresponding increase in the grant sanctioned for road repairs has been only 23 per cent., notwithstanding an increase in the area of the roads of 2½ per cent. during the same period.

241. Under the fourth heading, the separation of the Road and Building Branches has enabled a separate staff of Inspectors to be appointed under the supervision of a Road Superintendent for repairs and maintenance and the roads will now receive much more individual attention than was formerly the case.

242. There is no doubt that the second and third headings justify an increase in the grant for repairs and maintenance to enable the roads to be kept up in accordance with modern ideas and suitable both for heavy and for fast moving traffic.

243. The value of the private works executed by the Road Branch on account of the Bombay Electric Supply and Tramways Company, Limited, the Callender's Cable and Construction Co., Messrs. J. G. White & Co., the Government Telegraph Department, the Bombay Telephone Co., the Bombay City Improvement Trust, the Bombay Port Trust and other private parties, during the year amounted to Rs. 42,722-2-1.

Road Materials.

244. The total quantity of materials purchased during the year and their cost as follows :—

	Description of material.	Quantity. C. ft.	Cost. Rs.	a.	p.
(1)	Metal	1,232,770	98,814	3	6
(2)	Sand	257,278	22,833	6	9
(3)	Sandstone	205,665	13,368	3	7
		Total Rs. ...	1,35,015	13	10

Steam Roller.

245. Out of the grant of Rs. 7,500 provided in the budget for the year, one ten ton Steam Roller was purchased from Messrs. Marshall Sons & Co., at a cost of Rs. 6,745.

New Roads.

246. The following new roads were taken over from the City Improvement Trust during the year :—

1. Mayo Road between the south end of Esplanade Road and Cooperage Road.
2. Cuffe Parade. (Colaba Reclamation.)
3. Khatao Road. (Colaba Reclamation.)
4. Fazal Road. (Colaba Reclamation.)
5. Kittridge Road (from Wodehouse Road to Cuffe Parade.) (Colaba Reclamation.)
6. Centre Road. (Colaba Reclamation.)
7. Panday Road. (Colaba Reclamation.)
8. Hughes Road.
9. Babulnath Road Extension.
10. Sandhurst Road (from Queen's Road to Falkland Road.)
11. New Gamdevi Road(from the junction of Roads near the Gowalia Tank to Chaupati Road.)
12. Cross Road (from the new Gamdevi Road to Chaupati Road.)
13. Chunam Kiln Road Extension.

Road Watering.

247. The grant provided in the budget for road watering was Rs. 65,500, and the grant renewed was Rs. 3,500. In addition to this, a sum of Rs. 5,000 was transferred to this head, from savings in the grant under Section B, Public Lighting, Gas Lighting (*b*) Contingencies. The total amount thus available was Rs. 74,000.

248. The total expenditure necessary under this head amounted to Rs. 77,529-0-10 thus causing an excess of Rs. 3,529-0-10.

Oiling Roads.

249. A large area admeasuring 2,382,000 square feet in various roads in A and C Wards was treated with Crude Petroleum Oil during the latter portion of the year at a total cost of Rs. 25,580. The quantity of oil used was 573 tons and 64 gallons at the rate of Rs. 40 per ton. The roads thus treated as well as the comparative cost of watering them either by means of hydrants or carts are shown in the following statement :—

Name of Roads.	Area in square feet.	Total quantity of oil consumed	Total expenditure including charges for labour.	Total cost per 100 square feet for the first coating.	Total cost per 100 square feet for the second coating.	Total cost per 100 square feet for the third coating.	The estimated cost if the same area had been watered by means of hydrants from 22-11-08 to 12-5-09 or 173 days excluding the value of the quantity of water which would have been used.		The estimated cost if the same area had been watered by means of carts from 22-11-08 to 12-5-09 or 173 days excluding the value of the quantity of water which would have been used.	
							Labour.	Value of water at annas 3 per 1,000 gallons.	Labour.	Value of water at annas 3 per 1,000 gallons.
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Hornby Road...	668,000	Tons 573 and gallons 64 at Rs. 40 per ton.	25,580 0 0	0 7 5	0 6 4	0 5 1	1,167 13 0	2,145 3 2	1,243 7 0	2,562 2 1
Esplanade Road	590,600									
Rampart Row	52,000									
Apollo Pier Road	125,900									
Apollo Street (whole) ...	114,100									
Elphinstone Circle	95,300									
Church Gate Street... ...	102,700									
Mayo Road ...(a portion)	65,000									
Fuller Road ... Do.	7,800									
University Road Do.	8,400									
Armenian Lane. Do.	1,800									
Ash Lane ... Do.	3,500									
Bell Lane ... Do.	3,750									
Forbes Street ... Do.	4,500									
Oak Lane ... Do.	3,750									
Military Square Lane ... ... Do.	4,500									
Medows Street. Do.	4,500									
Hope Lane ... Do.	5,400									
Outram Road ... Do.	4,500									
Napier Road ... Do.	4,500									
Cannon Road ... Do.	5,200									
Council Road ... Do.	6,000									
Ravellin Street... Do.	6,000									
Paltan Road ... Do.	18,000									
Carnac Road ... Do.	150,000									
Kalbadevi Road. Do.	139,600									
Girgam Road ... Do.	186,700									
Total Area ..	2,382,000									

Tree Planting.

250. A sum of Rs. 5,000 was provided for this purpose in the Budget for the year. A further sum of Rs. 1,550-13-9 having been renewed from the last year's grant, the amount available for expenditure during the year was Rs. 6,550. The actual expenditure incurred during the year amounted to Rs. 5,475-11-6.

Street Refuges.

251. In accordance with the Corporation's Resolution No. 962, dated the 9th May 1907, street refuges combined with gas lamps were constructed, for the first time, during the year at the following places at a cost of Rs. 1,645-4-7 :—

1. Three at the junction of Thakurdwar Road and Queen's Road, each lit by one self-intensifying high candle power gas lamp.
2. Three at the junction of Charni & Queen's Road, each lit by one self-intensifying high candle power gas lamp.
3. One at the junction of Esplanade & Cruickshank Roads and 1st Marine Street, lit by a self-intensifying high candle power gas lamp.
4. At the Foras & Falkland Roads around the existing triple lamp.
5. At the junction of Chinch Bandar and Babula Tank Roads, lit by an ordinary incandescent gas lamp.
6. Three at the junction of Clerk, Tardeo & Warden Roads and Hornby Vellard, each lit by an ordinary incandescent gas lamp.
7. Two at the junction of Parel, Clare and Haines Roads one lit by three ordinary incandescent gas lamps and one lit by one incandescent gas lamp.

252. Proposals to construct refuges for other important junctions in the City were under consideration at the close of the year.

Paving Footpaths.

253. The work of paving portions of the footpaths along Mayo Road, Haines Road and Jacob Circle which was in progress at the close of the year 1907-08 was completed during the year.

254. The work of paving the west and east footpaths of Haines Road which was sanctioned out of the grant of Rs. 10,000 for the year 1908-09 was nearly completed at the end of the year.

Tramways.

RENEWALS FOR ELECTRIC TRACTIONS.

255. No tram rails were renewed during the year.

256. The overhead equipment along Cawasji Patel Tank Road, Duncan Road and Ripon Road which was left incomplete at the end of the year 1907-08, was completed during the year.

Extension of Tramways.

257. No extensions of tramways were made during the year.

Maintenance of Tramways.

258. The tracks have been fairly maintained throughout the year but there are many places where settlements have occurred permitting water to accumulate in pools during the rains which washes and destroys the surface of the road during the passage of cars. In many instances the Tramway Co., have failed to maintain the road surface at the same level as the rails.

259. The effect of introducing electric traction has been to materially reduce, the amount of ordinary wheel traffic over the portions of the roads occupied by the tram tracks by driving it to the sides of the roads maintained by the Municipality which are thereby subjected to more wear than was the case when the slower moving horse trams were in use.

Overbridges.

260. During the year under report, the long pending question of the apportionment of cost of the several overbridges was decided by the Government as follows :—

261. The Railway Companies to pay the entire cost of the construction of the bridges and their respective approaches and the Corporation to provide the land required and bear the cost of diverting mains, sewers, &c.

262. The Agent, G. I. P. Railway, has submitted plans of the overbridges at Clerk, Arthur, Curry and Elphinstone Roads showing the final alignments of the bridges.

263. The Corporation have sanctioned the cost of the acquisition of the properties for Arthur Road Overbridge. One property has already been acquired and the Municipal land for the west approach of the bridge has been handed over to the Railway Co.

264. The estimates for the other bridges at Clerk, Curry and Elphinstone Roads on the G.I.P. Railway and Clerk and DeLisle Roads on the B. B. & C. I. Railway are being prepared.

265. The question of the construction of Dadar Road Overbridge was not settled up to the close of the year.

H.

PUBLIC LIGHTING.

Gas Lighting.

266. The total number of Gas Lamps in the City at the end of the year under report was 4,400 as detailed in the following statement and the total cost of gas lighting has been Rs. 2,79,412-15-3 :—

WARD.	Single lights.	Double lights.				Triple lights.	Quadruple lights.		Quintuple lights.					High power Self Intensifying Lamps.								Total.
														Three lights Central lamps.		Two lights.		One light.				
		Apollo Pier.	Wellington Fountain.	Kharsedji Shroff Statue.	Mayo Road Bellanny pattern lamps.	Triple lamps.	Apollo Pier.	Victoria Dock.	Hornby Road.	Queen's Statue.	Mint Road.	Princess Dock.	Church Gate.	Abdul Rahiman Street.	Bhuleshwar Road.	Esplanade Road	Queen's Road.	Floral Fountain.	Queen's Road.	Fitzerald Column	Chowpatti New Bridge.	
A ...	1,054	8	8	...	6	3	8	...	1	4	1	...	1	...	...	1	...	8	...	...	...	1,184
B ...	674	...	...	...	...	1	...	4	...	...	...	1	...	...	...	...	..	...	...	...	...	698
C ...	616	...	...	...	...	1	...	...	...	...	...	...	..	14	6	..	5	...	2	4	...	695
D ...	788	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	3	...	...	...	9	824
E ...	694	...	...	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	708
F ...	146	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149
G ...	142	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142
	4,114	16	16	8	12	45	32	16	5	20	5	5	5	42	18	2	16	8	2	4	9	4,400

During the year, new type of high power lamps (three light central lamps) were introduced and put up on Abdul Rahiman Street and Bhuleshwar Road and two light vesta high power lamps were provided on the refuges at the several junctions of roads in the city, one light vesta lamps were placed on Queen's Road. Also single light compressed gas lamps were placed at the Floral Fountain, Fitzerald Column, and Chowpaty New Bridge. All these lights were found to be very satisfactory.

267. During the year 168 new gas lamps were placed along the roads as detailed below :—

Locality.	Number of lamps.	Remarks.
Altamont Road	10	
Annesty Road	1	
Bellasis Road	4	
Chowpati New Bridge	9	Single light high power lamps taken over from the City Improvement Trust.
Warden Road	9	
Refuge at the junction of Esplanade and Cruickshank Road	1	Two lights Vesta lamps high power.
DeLisle Road	1	
Sassoon Dock	1	
Refuge at the junction of Parel Road and Haines Road	4	
Refuge at the junction of Babula Tank and Chinchbunder Road	1	Road taken over from the City Improvement Trust.
Mayo Road	3	
Refuge at the junction of Tardeo and Clerk Roads	2	
Dukarwadi Lane...	2	

Locality.	Number of lamps.	Remarks.
Refuge at the junction of Queen's Road and Thakurdwar Road	3	High power two lights lamp each.
Refuge at the junction of Queen's Road and Charni Road	3	Do.
Wodehouse Bridge	1	
Sandhurst Cross Road	3	Road taken over from the City Improvement Trust.
Club Road	8	
Abdul Rahiman Street	14	High power 3 lights lamp each.
Bhuleshwar Road	6	High power 3 lights self intensifying lamp each.
Hughes Road	21	Road taken over from the City Improvement Trust.
Queen's Road near Church Gate Station ...	1	
Haines Road	12	
Sandhurst Road	22	Road taken over from the City Improvement Trust.
Ripon Road	22	
Fitzgerald Column	4	High power single light lamp.
Total ...	168	

Kerosine Oil Lighting.

268. As in preceding years, the kerosine oil lighting was carried out departmentally, the oil used being 150° Snow Flake Brand and 125° Bulk Oil.

269. The total number of kerosine oil lamps in the City at the close of the year was 1,831 as shown below:—

Ward.	Double wick.	Single wick.	President Burners.	Total.
A	41	...	...	41
B	24	165	...	189
C	22	68	10	100
D	29	72	28	129
E	138	346	33	517
F	148	302	...	450
G	93	312	...	405
Total ...	495	1,265	71	1,831

270. The total cost of kerosine oil lighting during the year, was Rs. 48,777-8-2. Deducting from this Rs. 1,969-8-5 being the amount realised by the sale of empty kerosine oil cases with tins, and (2) recovered (*a*) on account of departmental bills for lighting Health Camps, &c., and (*b*) from private parties for breakage of lanterns, post, &c., the net cost of kerosine oil street lighting during the year, amounted to Rs. 46,807-15-9 which gives a rate of Rs. 25-9-0 per lamp per annum. This rate is higher than the last year's rate by Rs. 4-3-2 per lamp per annum. The increase is partly due to the increased rate of kerosine oil and partly to the lamps having been lit whole night throughout the year whereas they were so lit for the last three months only in the preceding year.

I.

MUNICIPAL WORKSHOPS, 1908-09.

271. The following are the particulars of expenditure incurred during the year for departmental and private works executed at the Municipal Workshops, for shop and supervision charges, tools and repair to machinery, buildings, &c.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.			
Labour	63,107 13 1		
Stores	65,030 13 5		
Piecework, cart hire, &c.	600 5 0		
		1,28,738 15 6	
For Workshops and Stores :—			
Labour	828 3 11		
Stores	4,913 2 8		
		5,741 6 7	
Total ...			1,34,480 6 1
For Renewal of Workshops roof.			
Labour	721 5 7		
Stores	7,489 9 0		
		8,210 14 7	
			8,210 14 7
For Shop Charges :—			
Labour	3,931 10 2		
Stores	10,431 4 11		
Piecework, Contingencies, &c.	50 0 0		
		14,412 15 1	
For Supervision Charges Establishment, &c.			
Establishment	10,017 12 1		
Contingencies	1,298 7 8		
		11,316 3 9	
Total expenditure for working the shops ...			25,729 2 10
Total expenditure during 1908-1909 now ...			1,68,420 7 6

	Rs. a. p.
The total expenditure during 1908-1909 on account of Departmental Works, &c. (Rs. 1,28,738-15-6) for Workshops and Stores jobs (Rs. 5,741-6-7) and for renewal of workshops roof (8,210-14-7) aggregated with the amount charged for supervision, tools, shops and repair charges, &c. (Rs. 33,217-0-1) to	1,75,908 4 9
Add :—Amount of incomplete Jobs at the beginning of the year 1908-09 ...	3,585 11 0
Rs. ...	1,79,493 15 9
Deduct :—Amount of incomplete Jobs at the end of the year 1908-09 ...	1,259 3 5
Thus :—The total amount of bills preferred by the Worshops in the year 1908-1909 was Rs. ...	1,78,234 12 4

PERCENTAGE FOR SUPERVISION, SHOPS, REPAIR CHARGES, &c.

	Rs. a. p.	Rs. a. p
The actual charges for the general working of the shops (Rs. 14,412-15-1) and for supervision (Rs. 11,316-3-9) amounted to	.....	25,729 2 10
The amount recovered on account of the above-mentioned expenses by charging the fixed percentage of 25 per cent. on the cost of labour employed and materials used for works executed at the shops was	32,184 11 11	
The difference between the actual cost of working the Municipal Pumping Engine plus 25 per cent. for supervision, repairs, &c. and the fixed charges at which it was let on hire to private parties and departmental works was	1,032 4 2	
The amount realized by the sale of saw-dust, unserviceable articles, &c., was ...	2,807 2 10	
The balance in favour of the Workshops was therefore	.....	10,295 0 1
Total Rs. ...	36,024 2 11	36,024 2 11

272. The following are the principal items of new works completed during the year :—

Description of Works.	Amount.
	Rs. a. p.
Making 100 gunmetal spindles for O. P. hydrants	502 8 8
Making 5 teakwood side board safes for hospitals	547 7 11
Making 100 brass spindless for O. P. hydrants...	500 2 4
Making 2 water tanks with stands for the Road Department	620 8 8
Making 4 semi liquid drain carts for the Road Department	538 12 10
Making 2 teakwood show cases for the Victoria and Albert Museum	599 8 7
Removing hydraulic lift and steam fire service pump and fixing new electric lift and pump in the Municipal Office...	873 8 2
Making 4 W. I. storage tanks 6′×4′×4′ with teakwood stands for drinking fountains	908 15 2
Reconstructing 9 dust bin carts to new pattern for the Health Department	2,473 12 11
Reconstructing 11 dust bin carts to new pattern for the Health Department	2,998 13 8
Making 12 hand carts for the Road Department	1,245 0 10
Works completed which were commenced in the previous year.	
Reconstructing 25 dust bin carts to new pattern for the Health Department	2,421 15 8
Making and erecting iron work for a shed for the pom-pom gun in the Victoria Gardens	1,000 13 3
Renewing 16 pulley brackets for Worlee Sluices	302 3 8
Making and fixing an iron fence at the north and south ends of the new shed at the Central Stores ...	1,351 5 9
Making 9 pail carts for the Health Department	2,288 5 8

273. The following are the principal items of New Works which were in progress but were not completed before the close of the year :—

Description of Works.	Estimated cost.	Expenditure up to 28th February 1909.
	Rs. a. p.	Rs. a. p.
Renewing the corrugated roofing sheets over the fitters and smith shops of the Municipal Workshops	10,281 0 0	8,210 14 7
Erecting ejectors and tubbing at Nepean Sea Road	1,290 0 0	596 7 5
Making and fixing iron and woodwork for Silcher Incinerator at Worli	992 4 0	194 10 6
Making 20 silt carts for the Drainage Department	3,160 0 0	1,624 15 9
Reconstructing 21 dust bin carts to new pattern	6,000 0 0	4,025 7 9

274. In addition to the above works the Workshops have continued to keep in repair the rolling stock of the Health, Road and Drainage Departments, the machinery of the Love Grove Pumping and Compressor Stations, the Colaba Compressor Station, the Ejector Stations in the Parel, Chinchpokli, Agripada, Mazagon and Colaba Districts, steam rollers, fire engines, &c.,

275. At the commencement of the year there was much unrest amongst the employés owing to strikes and threatened strikes for higher rates of pay in the several local engineering workshops, and there is little doubt that had their grievances not been promptly attended to they would also have struck work. The matter was, however, taken up in time and under their Resolution No. 7923, dated the 13th March 1908, the Corporation sanctioned an advance of Rs 5,421 from Surplus Cash Balance for the purpose of an all round increment of about 10 per cent. in the rates of pay from the 1st March 1908, until the end of the year. This increment was justified and gave every satisfaction and no further trouble ensued.

276. It has been noted from time to time in previous year's Administration Report that the Shop and Supervision Charges at 35 per cent. on Labour and Stores were returning a much larger sum than was necessary to cover the working expenses of the shops, recommendations were made during the year to reduce the charges to 25 per cent. and thereby obviate any increase in the rates for work done for the several Departments on account of the increased scale of pay mentioned in the preceding para. This recommendation was forwarded to the Corporation and was approved of by that body with effect from the 1st March 1908, *vide* their Resolution No: 1820, dated the 15th June 1908. It

is satisfactory to note that this reduction has been fully justified as there was still a respectable balance to the credit of the Workshops at the close of the year. It would, however, have been reduced to small dimensions had the rental charges amounting to Rs. 6,648 been met from it. The bill for rent was not received before the accounts were closed, and could not therefore be debited.

277. The grand for extra and overtime labour was found insufficient and under their Resolution No. 7663, dated the 15th February 1909, the Corporation sanctioned a transfer of Rs. 3,000 from savings in the permanent labour grant to meet the excess.

278. Under their Resolution No. 108, dated the 5th April 1909, the Corporation also sanctioned an advance of Rs. 15,500 from Surplus Cash Balance to meet a deficiency in the grant for the purchase of stores, pending adjustment against recoveries.

279. The Contingencies, Stationery and Printing grant was found insufficient and it also was necessary to purchase a type-writer at a cost of Rs. 225 from the same grant to cope with increase of clerical work. The anticipated excess amounting to a total of Rs. 500 was met by transfer of savings from the grant for permanent labour (*vide* the Standing Committee's Resolution No. 5127, dated the 18th November 1908).

280. A small but useful addition was made to Workshops tools by the purchase of a 13 inch sensitive drilling machine from Messrs. W. Crowder and Company, at a cost of Rs. 200 which was met from profits.

281. The re-sheeting of the roof of the fitting, erecting and machine shops and smith's shop as sanctioned by the Corporation under their Resolution No. 2593, dated the 29th July 1907, was taken in hand at an estimated cost of Rs. 10,281 at the commencement of the year and was nearly completed at the close of the year. The work could only be carried on during non-working hours of the shops and had also to be entirely closed down during four months in the monsoon. The work was unfortunately not carried out without accident, as on the 15th May 1908, a painter fell from the roof and died shortly afterwards in the Goculdas Tejpal Hospital from concussion.

282. Fairly good progress was made during the year with the designs for the proposed new workshops at Foras Road. A large number of sheets of fully detailed plans for the new wood-working machinery and carpenter's shops were completed and several sheets for the fitting, erecting machine and smiths' shops were prepared. Owing to the high qualifications of the draftsman employed on the work it was found desirable to take full advantage of his knowledge by entering into much greater detail in the designs than was at first intended, and as a result, the grant of Rs. 5,000 sanctioned under the Corporation's Resolution No. 1738, dated the 20th June 1907, was found to be insufficient. An additional grant of Rs. 1,760 was therefore sanctioned for the work under the Corporation's Resolution No. 7709, dated the 11th March 1909. This additional expenditure will be more than recovered at a later period owing to fewer extras and lower quotations due to the tenderers knowing exactly what is required. The actual expenditure incurred upto the close of the year was Rs. 5,271-13-8.

THE MUNICIPAL OFFICE LIFT SERVICE.

283. A provision of Rs. 13,500 having been made in the Budget for 1908-09 for the substitution of the hydraulic lift in the Municipal Offices by an electric lift and the steam fire service pump by an electrically driven pump, tenders were duly invited for the supply and erection of an electric lift and Messrs. Turner Hoare and Company's tender for a lift by Messrs. Waygood and Company was accepted under the Standing Committee's Resolution No. 1029, dated the 29th April 1908, at a cost of Rs. 9,950. A Mather and Platt's high lift direct driven turbine pump was supplied by Messrs. Macbeth Bros. and Company, (*vide* the sanction contained under the Standing Committee's Resolution No. 523 dated the 8th April 1908), at a cost of Rs. 2,212-8-0.

284. The removal of the old hydraulic lift, the electric connections for the new lift, the fixing and connection of the turbine pump, and the conversion of the water tank for the hydraulic lift into a supply tank for the fire service installation was carried out by the Municipal Workshops at a cost of Rs. 873-8-2. The total cost of the work inclusive of connection charges by the Bombay Electric Supply and Tramways Company, amounted to Rs. 13,455-5-3.

285. The lift was inspected and passed by the Government Electrical Inspector on the 14th December 1908, and it was brought into use from the same date. It is working satisfactorily and need not be the subject for further report.

THE STEAM MEAT VAN AND STEAM TRACTOR AND TRAILER VAN SERVICE.

286. The working of the Motor Meat Van during the year was not satisfactory, but there was only one actual breakdown on the road. This occurred on the 21st April 1908 and it was due to the fracture of a radius rod bolt. The Van was subsequently pulled to the workshops for repairs by the Steam Tractor.

287. It was in service for 207 days as compared with 283 days in the previous year. The reduction was principally due to a stoppage from the 18th July to the 12th September 1908 for the renewal of engine brasses and refitting of piston valves and rings, and again from the 2nd October to the 16th November 1908, for fitting new steel gear wheels.

288. The total number of carcasses of mutton carried during the year was 28,837 against 41,107 in the previous year, and the mileage of the van was 3,950, making upto the 28th February 1909, a total of 26,126 miles since it commenced work.

289. The cost of working the van during the year was as follows :—

Establishment	Rs.	704	8	11
Coal and stores	,,	1,136	4	9
Repairs and Maintenance	,,	1,299	13	5
Total ...	Rs.	3,140	11	1

290. Calculated on the above total the cost of carriage per ton mile at 2½ tons per trip, exclusive of interest and sinking fund, has averaged 10·17 annas during the year against 6·86 annas in 1907-08. This heavy cost is out of all proportion to any advantages to be gained by the use of the van, and as the time taken up for repairs, and the cost of repairs and renewals is not likely to be lessened in future, it is an indication that the van has come to the end of its life and it will be advisable to withdraw it from the service at the end of 1909. It was brought into use from the 1st October 1903, and six years is now considered a very fair life for such vehicles.

291. On account of the extensive repairs it was necessary to transfer a sum of Rs. 1,000 from the grant for Coal and Stores to meet an excess in the grant for Repairs. This transfer was sanctioned under the Corporation's Resolution No. 5757, dated the 11th December 1908.

292. The working of the Steam Tractor was not in some respects much more satisfactory than the Motor Van as the main driving axle had to be twice renewed on account of breakage and the fore-carriage springs were broken several times.

293. It was in service for 258 days during the year, and during this period it carried 80,913 carcasses of mutton. The cost of the service for the year was as follows :—

Establishment...	Rs.	769	4	5
Coal and Stores	,,	1,083	6	3
Repairs and Maintenance	,,	639	11	0
Total ...	Rs.	2,492	5	8

294. Taken at 9 loaded miles per trip and an average weight of 28 lbs. per carcass, the cost of carriage on the above figures per ton mile is 4·38 annas as compared with 5·31 annas per ton mile during the 102 days the tractor was in service in the previous year. This is not an unfavourable net result and if excessive breakages can be avoided in future it should be possible to improve on these figures.

295. The mileage of the Tractor during the year was 4,644, making a total of 6,480 miles since it commenced work.

THE LOVE GROVE PUMPING STATION.

296. The engines and pumps worked satisfactorily during the year with no total stoppage.

297. The efficiency of the pumps as tested by frequent observations taken by the Drainage Staff showed an average of 86 per cent. as against 87 per cent. in the previous year.

298. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rates per ton:—

Description of coal.	Tons.	Average rate.		
		Rs.	a.	p.
Bengal Coal Co.'s Desharghur	3,450	18	3	2
Powell's Duffryn Cardiff	525	24	15	0
African Dundee	250	19	15	0

299. The average rate per ton for all these descriptions of coal was Rs 19-2-2·8 as against an average rate of Rs. 16-10-0 per ton in the previous year, and the average daily consumption was 11 tons. 11 cwts. 2 qrs. 0·8 lbs. against 11 tons. 14 cwts. 2 qrs. 22·3 lbs. in 1908-09.

300. In consequence of the high contract rates for coal during the year, the grant under this head had to be supplemented by a transfer of Rs. 10,865 (*vide* the Standing Committee's Resolution No. 6818, dated the 3rd February 1909).

301. The combined total number of revolutions of all engines during the year was 27,806,209 against 26,815,104 in the preceding year.

302. No. 2 Engine, which was laid off for general repair in 1907-08 was restarted in September 1908 and No. 4 Engine was stopped for repairs. The work on the latter engine was still in progress at the close of the year.

303. 752 lbs. of "Brad" valve faces for the sewage pumps were parchased from Messrs. Bradbury Brady & Company, at a rate of Rs. 3-7-0 per lb. and 600 R. ft. of 6" × 5 ply Dick's canvas balata belting was also purchased for the same purpose from Messrs. W. Crowder & Company, at a rate of Rs. 1-15-0 per foot.

304. Commencing in November 1908, great trouble was experienced owing to the overheating and bulging of the bottom rows of tubes in the Babcock Wilcox boilers at both the Love Grove Pumping and Compressor Stations. The damage was found to be due to the presence of oil in the boilers which was carried in with the feed water from the condencing tanks. Steps were at once taken to change the water in the tanks and to clean out the deposit. This was a work which occupied some weeks, and before it could be completed it was necessary to replace altogether 33 tubes in the Pumping Station boilers and 17 in the boilers at the Compressor Station.

305. This is the first occasion on which there has been the slightest trouble with the boilers at either station and as it is not very long since the tanks were last cleaned out it was considered advisable as a precautionary measure to install feed water filters at both stations for the extraction of oil. The purchase of two Mather & Platt's twin oil filters from Messrs. Macbeth Bros. & Company, at a cost of Rs. 2,050 for the Pumping Station and Rs. 1,510 for the Compressor Station was sanctioned under the Standing Committee's Resolution No. 6677, dated the 27th January 1909, and they were thereafter put on order, but were not received before the close of the year.

306. It is possible during the year under review to report more decided progress in connection with the supply and erection of new pumping machinery and plant for the Station than was the case in the previous year's Report. Tenders for the pumping engines and boilers were invited by the Consulting Engineers from twelve selected Manufacturers of such machinery in May 1908, and seven tenders were received by them on the 5th of the following month. They recommended the acceptance of the lowest tender which was submitted by the Lilleshall Company, Oakengates, Salop, and after some small amendments necessitated by a variation in the terms of security, the tender of this Firm amounting to £40,100 was accepted by the Standing Committee under their Resolution No. 4446, dated the 14th October 1908, subject to the Corporation's approval of an additional grant of Rs. 6,01,500, plus 5 per cent. for fluctuation of metal market, from Surplus Loan and other Balances. This grant was sanctioned by the Corporation on the following day under their Resolution No. 4478.

307. The engines, which have been designed by the Consulting Engineers are known as the Compound Rotative Beam Type and it has been necessary for this Office to place on record the opinion that the design is hardly up to the latest practice.

308. No foundation plans for engines and boilers have been received up to the time of preparing this report and it has not therefore been possible yet to commence the design or execution of the Buildings for the new machinery.

309. Drawings for the necessary screening and dredging plant were received from the Consulting Engineers in November 1908, but they had to be referred back for a few minor alterations, and amended drawings were not received for final approval before the close of the year.

THE COLABA AIR COMPRESSOR STATION.

310. The machinery of the Compressor Station worked satisfactorily during the year.

311. The total quantity of sewage lifted during the year amounted approximately to 407½ million gallons against 380½ million gallons in 1907-08. The total number of revolutions run by the compressor engines was 35,293,062 against 32,937,999 in 1907-08.

312. The large and steady increase in the quantity of sewage discharged from the Colaba District may be gauged from the totals of the three previous years which were as follows:—

1906-07	341	million gallons.
1905-06	299½	" "
1904-05	256	" "

313. 784 tons of the Bengal Coal Co.'s Desharghur coal at an average rate of Rs. 17-7-7, 100 tons of African Dundee coal at a rate of Rs. 19-4-0, and 50 tons of Powell's Duffryn Cardiff coal at a rate of Rs. 24-4-0 per ton were purchased during the year. The total quantity consumed was thus 934 tons as compared with 876 tons in 1907-08. This slight increase is fully accounted for by the increase in the revolutions of the engines.

314. Owing to the high contract rates for coal during the year and to the increased consumption, the coal grant had to be supplemented by a transfer of Rs. 1,837-0-0 (*vide* the Standing Committee's Resolution No. 6818, dated the 3rd February 1909).

315. The third and last set of air cylinder covers fitted with glandless Corliss valves, which were received in September 1907, were fitted during the year to A. engine and the engine was restarted in July 1908.

316. In consequence of the two boilers at the Station showing signs of requiring early renewal, the proposal, originally made in 1906, for the conversion of the existing steam driven air compressor into electrically driven compressors with a power supply from the Bombay Electric Supply and Tramway Company's mains was revived during the year, and under their Resolution No. 5378, dated the 26th November 1908, the Corporation approved of the conversion as a alternative to the provision of new boilers. An application was subsequently made for funds and a grant of Rs. 12,400-0-0 was made for the work under the Corporation's Resolution No. 7707, dated the 11th March 1909.

317. Under their Resolution No. 3625, dated the 3rd September 1908, the Corporation sanctioned a grant of Rs. 99,265-0-0 for the provision of two new ejectors of 1,000 gallons capacity each in a cast iron tubbing at No. 3 Station, and for the removal of the existing ejectors No. 3 and 4 Stations to Nos. 4 and 5 Stations respectively. The ejectors and tubbings were then ordered from Messrs. Hughes and Lancaster but were not received before the close of the year.

318. The grant for Establishment had to be supplemented by a transfer of Rs. 50-0-0 from savings in the grant for extra labour to meet the cost of acting arrangements consequent upon Mr. S. R. Ghandi, 1st Engineer, being granted 3 months' privilege leave from the 4th February 1909. This transfer was sanctioned under the Standing Committee's Resolution No. 8020, dated the 24th March 1909.

THE LOVE GROVE AIR COMPRESSOR STATION, 1908-09.

319. The machinery of the Compressor Station and the several Ejector Stations in the Parel, Chinchpokli, Agripada and Mazgaon Districts worked fairly satisfactorily during the year, but in addition to the trouble with boiler tubes as mentioned in the Report for the Love Grove Pumping Station, there was a serious accident to No. 1 (large) engine which has to be recorded.

320 This happened on the morning of the 29th November 1908, at the time of starting the engine. The set screw holding the high pressure cylinder piston nut guard ring in place dropped out and allowed the guard ring to fall down between the back cylinder cover and the piston. There being only a small clearance between these two faces at the end of the back stroke, the obstruction caused the breakage of the high pressure connecting rod and at the same time twisted the high pressure crank 18° back from its proper position.

321. A new connecting rod was obtained from England through Messrs. John Fleming & Co., at a cost of Rs. 260-0-0 and it has been decided to continue the use of the existing crank shaft in its present condition, as the twist has not thrown it out of line and does not appear to have caused any fracture of the metal.

322. The combined total number of revolutions run by Nos. 1 and 2 (large) Compressor Engines during the year was 21,026,874. The revolutions of Nos. 3 and 4 (small) engines amounted to 25,269,625 during the same period. The previous year's totals were 19,111,214 and 30,644,877 respectively. The small engines are half the capacity of the large, so that the net decrease in revolutions during the year on the basis of a large engine is 771,966. This reduction, in spite of the sustained increase in house connections, is due in part to the better efficiency given by the new air cylinders attached to No. 2 engine, and partly to the fact that there was a great loss of air in the previous year from a fractured air main (*vide* para. 309 of Report for 1907-08).

323. The total quantity of sewage lifted by the ejectors worked from the Station during the 12 months was approximately as follows :—

Ejector Station.	Quantity of sewage lifted in gallons.
No. 1 Fergusson District, De-Lisle Road	601,752,000
No. 2 Do. Arthur Road	498,417,600
No. 1 Parel District, Elphinstone Road	242,327,400
No. 2 Do. Chinchpokli Road	185,964,000
No. 3 Do. Sewri Road	64,801,800
No. 1 Mazagaon District	237,158,400
No. 2 Do.	42,796,750
No. 1 Agripada District No. 2 Do. }	47,819,550
Total gallons ...	1,921,037,500

The quantity lifted during the previous year was 1,775,872,050.

324. 2,350 tons of the Bengal Coal Coy.'s Desharghur coal at an average rate of Rs. 18-0-5·5 per ton, 400 tons of Powell's Duffryn Cardiff coal at Rs. 24-15-0 per ton, and 100 tons of African Dundee coal at Rs. 19-15-0 per ton were purchased for the Station during the year. The average rate per ton for all these descriptions of coal was Rs. 19-1-0·5 and the average daily consumption was 7 tons. 16 cwts. 0 qrs. and 18·4 lbs. against the respective figures of Rs. 16-9-10 and 8 tons. 3 cwts. 3 qrs. and 2·3 lbs. in the previous year.

325. Although there was an appreciable reduction in the average consumption, the high contract rates for coal during the year necessitated a supplementary grant of Rs. 4,337. This was met by a transfer of savings in other grants and was sanctioned under the Standing Committee's Resolution No. 6818, dated the 3rd February 1909.

326. The three sets of new air cylinders and covers by Messrs. Walker Bros., which were received in March 1908, were fitted to No. 2 (large) engine and the engine was restarted in October 1908, after a thorough overhaul. It is now working satisfactorily.

327. An additional Budget provision of Rs. 9,000 under the grant for repairs to machinery having been made for the purchase of a second set of air cylinders and covers they were obtained from the same manufacturers through Messrs. Macbeth Bros. & Co., at a cost of Rs. 8,937 and were delivered in March 1909. They are now being fitted to No. 1 (large) engine.

328. Owing to the non-completion of the sewers, the new Ejector Station with two 250 gallon ejectors in cast iron tubbing on Warden Road, the erection of which commenced in 1906-07, could not be started and taken over before the close of the year. The erection of two 100 gallon ejectors in cast iron tubbing in Nepean Sea Road, was commenced during the year by the Workshops and was almost completed before the break of the monsoon, but in this case also it was not possible to start the station by the close of the year owing to the sewers being not connected.

329. The erection of two 400 gallon ejectors in cast iron tubbing at the junction of Queen's Road, and Gamdevi Road, was commenced in April 1908, but after the bottom of the tubbing and one ring of plates had been put into place, there was found to be a serious subsidence due to a concealed quicksand under the bottom. The tubbing had therefore to be removed and the excavation filled up. The re-erection of the ejectors at a point further down Gamdevi Road, was commenced at the close of the year.

J.

GENERAL.

IMPORTANT SUBJECTS REPORTED UPON.

330. The following is a list of more important subjects which were reported upon during the year :—

1. Smoke nuisance.
2. Disposal of Night Soil and Refuse.
3. Substitution of oil by gas lamps, and the proposed introduction of an improved gas lamp.
4. Improvement of Storm Water Drains from Foras Road to Falkland Road.
5. Waste water from dyeing and bleaching operations in mills.
6. Haulage of cutchra by tram.
7. Inspection of electric and other lifts in Bombay.
8. Reorganization of the Engineering Department.
9. Treating roads with oil, &c.
10. Amendment of the Municipal Act to deal with smoke nuisance as well as dust from cotton waste discharged from mill chimneys.
11. Works of road construction carried out during the last fifty years.
12. Proposed introduction of a cesspool exhauster for cleaning catchpits.
13. Extension of the Municipal Office Building with designs.
14. Proposed Market at Chaupati.
15. Revision of Contract forms.
16. Acquisition of non-Municipal lands within the catchment areas of Tansa, Vehar and Pawai Lakes.
17. Plant for the treatment of carcasses.
18. Overbridge at Dadar.
19. Improvement of road pavements.
20. Street naming and house numbering.
21. Street lighting, cost of high power lamps.
22. Sidings in the Victoria Terminus in connection with the transport of meat from Bandra.
23. Val-de Travers Asphalte Macadam for Roads.

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

331. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1904-05 to 1908-09 :—

Description.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
Bills for Supplies, Works, &c.	16,507	15,930	17,903	22,556	28,790
Departmental Works Bills	4,730	5,269	5,518	6,491	6,360
Private Works Bills	2,731	2,372	2,822	2,650	2,654
Total ...	23,968	23,571	26,243	31,697	37,804

NOTICES, &c., ISSUED.

332. Comparative statement of the number of notices, &c., issued during the five years from 1904-05 to 1908-09 :—

Section of the Municipal Act.	Description.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
	Street and Building Branch.					
231	To Provide rain-water eaves, gutter and down pipes...	684	365	522	188	169
247	To provide water-closets, privies or urinals	6	3	7	4	4
257	To remove encroachments on drain, cess-pool, house-gully, privy, urinal, &c.	2	5	6	7	2
299	Intimation to take possession of land outside building for street improvement	94	106	84	76	68
305	To level, metal or pave drain and light private streets..	...	27	11	17	111
308	To remove new projections	84	115	188	80	180
308-309	To remove new projections as well as old ones ...	18	10	3	...	11
311	To remove or alter door, or gate, bar or window opening upon a street	22	25	12	11	8
329	To repair, protect or enclose wells or dangerous places.	4	3	14	14	11
349	To remove inflammable materials in external walls and roof covering	387	407	426	320	218
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same	37	35	37	13	13
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building By-laws	158	184	251	199	237
354	To pull down ruinous houses	202	197	260	481	364
380	Removing or altering insanitary huts or sheds ...	709	993	739	912	631
383	To cut and trim trees, shrubs and hedges	2	17	1	7	2
488	Intimation of intention to enter houses after 24 hours' notice	1,387	1,416	1,918	1,359	1,097
351 (2)	Intimation of intention to enter houses after 48 hours' notice	...	2	17	7	4
298 (2)	Intimation of intention to take possession of land occupied by buildings, &c.	1	3	2	7	4
By-law 40	Infringement of the provisions of the Building Bye-laws	119	127	4	3	1
	Total ...	3,916	4,040	4,502	3,705	3,135
	Drainage, Ordinary Works.					
222	For laying Municipal drains through or under land belonging to private parties	56	11	20	1	12
223	For erecting buildings, &c., without permission over drains	...	...	...	...	...
230	To carry drains through land belonging to other persons.	26	21	45	39	21
231	To drain undrained premises within a hundred feet of a Municipal drain	1,888	1,226	534	621	721
232	To drain undrained premises not within a hundred feet of a Municipal drain	41	44	10	170	318
234	For erecting new buildings without drains	7	...	1	...	...
238	To declare joint ownership of a drain	11	11	34	10	8
240	To pass or construct a drain beneath any part of a building	12	...	...	6	12
244	To affix shafts or pipes or ventilation of drains, &c. ...	21	9	16	7	18
257	To renew, repair, &c., drainage of houses	1,234	2,176	1,765	1,022	723
258	To prohibit contraventions generally of the provisions of Chapter IX of the Municipal Act.	10	6	1	...	6
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers	43	79	...	...	...
488	Entering premises for purpose of surveying, &c. ...	15	5	6	3	1
	Total ...	3,364	3,588	2,432	1,879	1,840

NOTICES, &c.—*continued.*

Section of the Municipal Act.	Description.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
	Drainage, Loan Works.					
222	For the acquisition of land for making drains... ...	...	...	4	...	6
244	For erecting or affixing pipes for ventilation of drains, &c.	12	...	13	...	...
	Total ...	12	...	17	...	6
	Water Works Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c....	8,879	7,014	4,910	3,101	4,496
279	To fix meters to service pipes	247	385	320	270	342
	Total ...	9,126	7,399	5,230	3,371	4,838
	House Improvement Branch.					
380	Removing or altering insanitary huts or sheds... ...	63	12	9	6	...
426	Demolishing insanitary structures to prevent the spread of infectious diseases	...	...	...	...	...
426	Notices issued intimating to the owner improvements necessary in their houses	635	353	373	381	281
I	Notices issued under Epidemic Diseases Act	157	87	69	99	102
II	Notices issued under Government Notification No. 228 P of 10th February 1897, for the removal of overcrowding	127	96	88	125	80
IX	Notices issued under Epidemic Diseases Act	15	...	...	...	...
	Total ...	997	548	539	611	463

SUMMARY.

Departments.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
Street and Building Branch	3,916	4,040	4,502	3,705	3,135
Drainage, Ordinary Works	3,364	3,588	2,432	1,879	1,840
Drainage, Loan Works....	12	.....	17	.....	6
Water Works Branch	9,126	7,399	5,230	3,371	4,838
House Improvement Branch	997	548	539	611	463
Total ...	17,415	15,575	12,720	9,566	10,282

LETTERS, &c., RECEIVED AND DESPATCHED.

333. Comparative statement of the number of letters, references to Inspectors, &c. received and despatched during the five years from 1904-05 to 1908-09 :—

Departments.		1904-05.	1905-06.	1906-07.	1907-08.	1908-09.
General and Street and Building Branches	Inward ...	113,980	134,777	142,965	144,881	148,992
	Outward...	116,437	125,126	126,546	134,164	145,581
Drainage, Ordinary Works ...	Inward ...	56,223	56,237	54,349	47,458	45,455
	Outward ...	37,054	33,476	34,731	35,126	39,635
Drainage, Loan Works... ...	Inward ...	3,764	5,551	2,751	2,046	2,183
	Outward ...	3,571	5,705	2,519	1,910	2,245
Water Works Branch	Inward ...	44,658	47,883	49,189	53,317	56,146
	Outward ...	42,704	46,758	46,501	48,303	50,475
Water Works, Special Branch...	Inward ...	911	3,287	4,383	3,385	3,064
	Outward ...	1,666	4,563	6,438	7,248	6,215
	Total ...	420,968	463,363	470,372	477,838	499,991

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

334. The following is a summary of Clerical Work done by the different branches of the Department during the year :—

Consecutive Nos.	Description of work.	General and Street and Building Branches.	Mechanical Branch.	Drainage, Ordinary Works.	Drainage, Loan Works.	Water Works, Ordinary Branch.	Water Works, Special Branch.	Total.
1	Letters, &c., received, including replies to references to Inspectors, &c.	148,992	4,266	45,455	2,183	56,146	3,064	266,486
	H. I. B.	6,380						
2	Letters, &c., despatched, including references to Inspectors for report	145,581	4,736	39,635	2,245	50,475	6,215	256,747
	H. I. B.	7,860						
3	Notices issued...	3,135	...	1,840	6	4,838	...	10,180
	H. I. B.	361						
4	Summonses issued	926	...	432	...	...	...	1,358
5	Contracts for annual and other supplies and for the construction of various works executed ...	61	...	4	2	...	...	67
6	Leases of various rights sold	34	...	...	...	...	...	34
7	Vouchers received and passed	14,776	473	9,572	433	2,501	998	28,790
	H. I. B.	37						
8	References made to Inspectors, &c., for certificates on vouchers...	5,670	...	3,517	359	931	101	10,578
9	Reports and certificates received from the Inspectors, &c.	5,653	...	3,517	350	931	115	10,566
10	Departmental and private works bills prepared or received, checked and passed	4,022	1,077	797	33	3,085	...	9,014
11	Statements of works done for private parties, checked and passed	125	...	...	...	...	...	125
12	Statements of works done for Municipal Departments, checked and passed	136	...	...	...	...	...	136
13	Workshops' Balance Sheets prepared and forwarded.	12	...	...	...	...	...	12
14	Statements of recovery of bills against private parties received	96	...	...	...	...	..	96
15	Requisitions prepared or received and forwarded.	3,071	9,817	2,127	40	110	73	15,238
16	Measurement slips for metal, sand, rubble, &c., received and checked	1,425	...	...	...	...	...	1,425
17	Morning and materials reports, diaries, &c., prepared or received and checked	8,760	...	...	195	...	...	8,955
18	Muster rolls received and checked...	1,067	...	...	...	...	...	1,067
19	Statements of wages remaining unclaimed, received and checked	138	...	...	...	...	...	138
20	Unclaimed wages, refund certificates prepared or received and passed	1,960	...	...	...	...	...	1,960
21	Work abstracts or road repairs and maintenance, received and checked	132	...	...	...	...	...	132
22	Work abstracts for road watering received and checked	132	...	...	...	...	...	132
23	Permits issued for projecting verandahs, balconies, rewas, weather frames, &c.	29	...	...	...	...	...	29
24	Permits issued for erection of scaffolding on public roads	996	...	...	...	...	...	996
25	Permits issued for opening roads	1,480	...	...	...	...	...	1,480
26	Permits issued for temporary occupation of public streets on marriage and other ceremonies ...	593	...	...	...	...	...	593

Consecutive Nos.	Description of Work.	General and Street and Building Branches.	Mechanical Branch.	Drainage, Ordinary Works.	Drainage, Loan Works.	Water Works, Ordinary Branch.	Water Works, Special Branch.	Total.
27	Advice notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under Sections 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant...	2,743	...	260	...	2,975	1	5,949
28	Licenses issued to Plumbers	143	...	...	...	...	...	143
29	Licenses issued to Surveyors	47	...	...	...	...	...	47
30	Authorities issued to plumbers for opening roads under tram lines	64	...	...	...	...	...	64
31	Orders issued for adding ground	93	...	...	...	...	...	93
32	Permits for building or re-building houses granted either conditionally or unconditionally.	3,827	...	...	...	...	...	3,827
33	Claims for compensation for lands, &c., taken up for street improvement passed...	232	...	...	...	...	...	232
34	Number of road slips, prepared and checked ...	74,460	...	...	..	...	...	74,460

PLAGUE OPERATIONS.

INSPECTION, IMPROVEMENT AND DEMOLITION OF INSANITARY BUILDINGS, AND ABATING OF OVERCROWDING DURING THE YEAR 1908-1909.

335. 132 Insanitary houses were detected during the year. Of these 112 were found to be more or less in need of improvement and 20 were incapable of improvement and action had to be taken for their demolition.

336. During the year 102 further notices (in addition to those served in the past) were issued requiring the owners to improve the insanitary condition of their buildings.

337. 435 houses, the notices for which were issued during the previous years and the year under report, were taken in hand for improvement by their owners.

338. Notices were issued for closing 179 houses as their owners failed to carry out the requisite improvements.

339. Certificates of fitness for human habitation were issued in respect of 436 buildings, the required sanitary improvements therein having been carried out.

340 Improvements were practically completed in 281 more buildings, but the requisite certificates were not issued in these cases pending the completion of a few minor works.

341. 1,291 plans and proposals for buildings, old as well as new, were scrutinized with a view to offer remarks regarding the sanitary requirements to be carried out in them.

342. The demolition of 10 houses and sheds was effected for which notices were issued during the past year and in the year under review. Besides these 143 insanitary houses, for which improvement notices were issued, were demolished by their owners of their own accord.

343. 80 notices were issued to reduce overcrowding, and almost all of these were complied with.

WORKS IN CONNECTION WITH PLAGUE MEASURES.

344. Sites on Chaupati and Gamdevi were allotted to the different communities as in previous years for erecting health camps, and the latrines, nahanis, water-supply and lighting arrangements at the camps were provided by the Municipality.

345. The following camps were erected and provided with latrines, stand-pipes for water-supply and lighting arrangements at Municipal expense :—

On Municipal ground at		Number of rooms.
1 Junction of Arthur and DeLisle Roads		100
2 Babula Tank		20
3 Gilder Tank		50
4 DeLisle Road (Near the Night Soil Depot).		75
On private land at	No. of Rooms.	
1 Victoria Bunder on land belonging to the Colaba Land and Mill Company, Limited	50	
2 Agripada (on land belonging to the Improvement Trust)	200	
3 Government House Compound, Parel, (on land belonging to the Improvement Trust)	75	325
Total number of rooms ...		570

346. The total cost of erecting corrugated iron sheets semi-permanent huts at the junction of Arthur and DeLisle Roads amounted to Rs. 12,956.

347. The total cost of erecting temporary bamboo matting huts at the remaining places amounted to Rs. 4,100.

348. The following camps, which existed in the previous year, were maintained at Municipal expense during the year :—

	Rooms.
1 Babula Tank Health Camp (on Municipal Ground)	20
2 Northbrook Garden Health Camp (on Municipal ground) ...	46
3 Mahim Hospital Camp (on Municipal ground)	30
4 Koli Lane, Colaba, (on land belonging to Government) ...	20
5 Foras Road Health Camp, (on land belonging to Mr. Shivlal Motilal)	20
Total number of rooms ...	136

349. The total cost of maintaining these camps amounted to ...Rs. 900

MUNICIPAL SERVANTS' ACT.

350. No circumstance has arisen in this Department during the year to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,

SIR,

Your most obedient servant,

B. H. HEWETT, A.M.I.C.E.,

Ag. Executive Engineer, Municipality.

K—FIRE BRIGADE.

1. The department has been maintained in a state of efficiency during the year. All appliances were kept in good condition and thorough working order.

2. During the year, six persons were injured at fires and removed to hospital, five of whom died and one recovered. No blame was in any case attached to the Brigade.

3. At a fire at Green Street, Fort, on the 17th of December, the Brigade were successful in rescuing nine persons from a fourth floor by the aid of a Fire Escape. The first floor of the building being well alight and the inmates cut off from egress by the staircase. Foremen Messrs. Scott and Williams did exceptionally well in the work of rescue and have been commended to the Commissioner.

4. Foreman Mr. E. Ratcliffe, who received severe injuries whilst on duty at a fire at Dongri Street, on the 2nd of January 1907, was invalided by the Fire Brigade Surgeon on the first January 1909, and has been granted a special pension of Rs. 100 per mensem from that date.

5. The van located at Byculla Fire Brigade Station, carrying implements for the rescue of persons from the debris of fallen buildings, has been called into requisition five times during the year. Seventeen persons were recovered from debris of whom six were dead when extricated whilst eleven were removed to hospital, of whom two died and nine were discharged.

6. The water supply at fires has been satisfactory and the attendance of the Water Works Staff prompt and of assistance to the Brigade.

7. Periodical inspections of fire hydrants throughout the city has been carried out by the Brigade.

8. The Fire Service at the Municipal Offices and Markets have been kept in good working order and the employees have been periodically drilled in the use of the appliances.

9. The Installation of an Electric Lift has placed the lift tank as a high pressure augmentor to the Fire Service and Mr. Hewett, Deputy Executive Engineer, Mechanical Branch, has so arranged this system that the main supply tank can be emptied for repairs when desirable without affecting the service. A double headed hydrant has also been fixed on ground level to the former lift service pipe from which powerful jets can now be obtained. Mr. Hewett has also been good enough to give instruction in the working of the Electric Turbine Pump so that the Foreman-in-Charge at the Fort Station can start the pump if at anytime it should be found desirable to do so.

10. Four horses were purchased during the year. Three in place of others sold by public auction, and one in place of an animal that died.

11. 5,200 feet of delivery hose, hose couplings and other appliances were supplied under contract from Messrs. Turner Hoare & Co., of Bombay, and three Telescopic Ladders by Messrs. Balmer, Lawrie & Co., of Calcutta.

12. Provision has been made in the ensuing year's Budget for a supply of 5,000 feet of delivery hose, to replace other sold and 1 Motor Steam Fire Engine for the Bhuleshwar Fire Brigade Station.

13. Forty-four members of the Brigade resigned or otherwise left the service during the year, 25 additional men of grades were enlisted, thus leaving only 2 men, an Engineer and Tindal, to be engaged for the Motor Steamer to be located at Bhuleshwar Fire Brigade Station.

14. Ground has been purchased at Elphinstone Bridge Road, Mandvi, for erecting a fully equipped Steam Station, and plans and estimates have been prepared and submitted for sanction. Provision has also been made in the Budget Estimates for 1909-1910 for the reconstruction of Bhuleshwar Station for the accommodation of a Motor Steamer. These arrangements will provide the two fully equipped stations sanctioned by the Corporation in October 1906.

15. The new Fire Station and Quarters at Haines Road for housing the motor appliances and staff were occupied and the appliances placed in commission on the 5th of January. The Motor Engine has given most satisfactory results in working at Fires and is a great addition to the efficiency of the Brigade.

16. The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	9 Engineers.	11 Drivers.
2 Clerks.	16 First Class Tindals.	11 Grooms.
1 Head Foreman.	8 Second do. do.	
6 Foremen.	158 Firemen of grades.	

making a total of 223 men of all ranks not including an Engineer and a First Class Tindal for the sanctioned Motor Steamer for Bhuleshwar Station.

Equipment.

8 Steam Fire Engines.	16 Hose Reels.	7 Hand-drawn Escapes.
1 Petrol Motor Engine.	7 Tender carts.	1 Brake.
1 Chemical do.	1 Petrol Motor Tender and Combined Escape.	1 Van.
8 Manuals.		18 Horses.

432 Lengths of Rubber-lined Delivery Hose aggregating 21,600 feet and other necessary Fire Extinguishing Appliances.

The distribution of engines, &c., is as under :—

Numbers.	Stations. Names.	Chemical.	Engines. Steamers.	Engines. Motor.	Engines. Manuals.	Motor Tender.	Hose Reels.	Tender Carts.	Fire Escapes.	Brake.	Van.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	1	3	...	2	...	1	1	2	1	1	8	127	1	3	3	1	28	6	6	
2	Byculla Haines Rd.	...	...	1	...	1	...	...	...	...	...	...	40	1	1	2	1	16	...	...	
3	Gowalia Tank ...	...	1	...	1	...	2	1	1	...	...	2	39	1	1	2	1	21	1	1	
4	Chinchpoogly ...	...	1	...	..	...	1	1	1	...	...	2	34	1	1	1	1	14	1	1	
5	Babula Tank ...	...	1	...	...	...	2	1	1	...	...	2	34	1	1	1	1	14	1	1	
6	Fort	...	1	...	...	...	1	1	1	...	...	2	34	1	1	1	1	14	1	1	
7	Colaba	...	1	...	...	...	4	1	1	...	...	2	59	1	1	1	1	14	1	1	
*	Malabar Hill ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*This station has been closed on account of its insanitary surroundings and the appliances and men located at Gowalia Tank Fire Brigade Station.
8	DeLisle Road ...	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
9	Mahim	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
10	Dadar	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
11	Mazagaon	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
12	Bhuleshwar	..	...	...	1	...	1	1	1	...	...	...	13	...	...	1	1	9	...	...	
	Total ...	1	8	1	8	1	16	7	8	1	1	18	432	7	9	16	8	158	11	11	Total Staff 220

17. The number of calls to fires or supposed fires has been 107 which involved the turning out of engines and men and resulted in 5 Alarms and 102 Fires, 66 of which were extinguished by Brigade Appliances and 36 before the arrival of the Brigade.

18. The estimated damage to property has amounted to Rs. 23,94,164, showing a decrease of Rs. 9,42,110 as compared with the preceding year.

19. The amount of damage to property at the 66 fires extinguished by Brigade Appliances is estimated at Rs. 23,63,630, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 58,34,871.

20. The estimated damage to insured properties has been Rs. 20,86,720, and to uninsured Rs. 3,07,444.

21. The number of Buildings damaged by fire during the year were 32 of which 14 were insured, and 18 uninsured fires in Buildings where only the contents were damaged, numbered 39, of which 18 were covered by insurance, whilst in 21 cases no insurance had been effected. 31 fires occurred on open ground principally consisting of Jowli Huts and with the exception of 3 cases were all uninsured.

22. The estimated quantity of water used for extinguishing fires has been 33,23,280 gallons, or about 14,836 tons, of this quantity 29,17,580 gallons was taken from street mains, 3,600 gallons from sea, and 402,100 gallons from wells and tanks.

23. Twenty-six fires were extinguished by the aid of steamers, 2 by manuals, 26 by hydrants, 12 by hand-pump and buckets, and 36 by private appliances.

24. The fires of 1908-1909 are the same as compared with 1907-1908, and with the average of the past 10 years an increase of 12.

Table No. 1.

List of Causes of Fires for the Year 1908-1909.

Causes.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Cinematograph fittings defective ...	...	...	...	...	...	1	...	...	...	...	...	...	1
Chimney, spark from ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Combustion Spontaneous ...	...	...	1	...	...	...	...	...	...	...	...	...	1
Dammer, over boiling— ...	...	...	...	1	...	...	...	...	...	...	...	...	1
Electric wire fusing of ...	...	...	...	...	...	1	...	...	...	...	...	...	1
Fire careless use of ...	1	4	1	1	...	...	...	...	1	1	...	1	10
Fire Place do. ...	...	1	...	...	...	...	...	1	...	...	...	...	2
Fire Works letting off ...	...	...	...	...	...	...	1	...	...	...	...	...	1
Friction	2	...	...	1	...	1	...	...	2	...	3	1	10
Furnace, spark from ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Gas Bracket swinging ...	...	...	...	...	...	...	1	...	...	...	...	...	1
Light thrown down ...	1	1	...	...	...	1	5	2	3	7	4	4	28
Not Known	3	2	4	...	1	3	2	4	2	1	1	2	25
Oil Lamp careless use of ...	...	1	1	1	...	1	1	3	...	...	...	1	9
Do. do. Kerosine do. ...	...	1	...	1	1	...	...	...	...	...	...	...	3
Do. do. do. upset ...	...	1	...	...	...	...	...	...	1	2	...	...	4
Do. do. do. explosion of.	...	...	...	...	...	...	1	...	...	...	...	...	1
Do. Engine defect in ...	...	...	...	...	...	...	...	...	...	1	...	...	1
Rubbish burning	...	...	...	...	...	...	...	...	...	...	...	1	1
Total ...	7	11	7	5	2	8	11	11	9	12	9	10	102

Table No. 2.

Monthly Summary of Fires and Annual Losses for the period 1899-1900 to 1908-1909 :—

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.	Estimated Loss.
														Rs.
1899-1900...	9	10	4	7	7	4	5	7	12	13	9	4	91	4,11,699
1900-01 ...	6	6	4	3	...	7	5	13	12	5	9	6	76	1,99,955
1901-02 ...	7	8	4	...	1	5	7	7	7	6	4	6	62	11,59,233
1902-03 ...	6	10	4	4	6	1	6	8	7	8	15	5	80	6,17,834
1903-04 ...	8	10	6	3	1	5	4	7	4	7	11	12	78	10,94,563
1904-05 ...	4	9	7	2	3	5	5	18	9	6	13	7	88	22,11,462
1905-06 ...	5	5	4	10	5	8	7	13	10	5	9	27	108	15,45,126
1906-07 ...	5	16	25	7	6	4	14	9	6	9	9	10	120	55,38,801
1907-08 ...	12	10	7	4	1	6	6	13	10	11	18	4	102	33,36,274
1908-09 ...	7	11	7	5	2	8	11	11	9	12	9	10	102	23,94,164

Table No. 3.

List of Fires through which Property to the extent of Rs. 2,000 and upwards was destroyed during the year 1908-1909.

Date.	Locality.	Description of Property destroyed.	Estimated value.
1908.			Rs.
April 2nd ...	Ripon Road	Cotton	4,61,300
„ 25th ...	Khattarali Lane...	House	5,200
May 11th ...	Thana Street	Building	23,700
12th ...	Church Gate Street	Do.	4,17,000
„ 24th ...	Queen's Road	Huts	6,990
„ 26th ...	Kamatipura	Building	3,125
June 3rd ...	Jamsetji Bunder...	Iron Shed	2,400
„ 4th ...	Abdool Rahiman Street... ...	Building	3,300
„ 19th ...	DeLisle Road	Cotton	10,000
August 5th ...	Tamarind Lane	Building	90,000
September 6th ...	Meadow Street, Fort	Motor Cars	3,000
„ 12th ...	Abdool Rahiman Street... ...	Building	22,150
„ 22nd ...	Carrol Road	Loose Cotton	6,000
October 1st ...	Mody Street	Building	22,000
„ 7th ...	Chukla Street	Do.	25,050
Do. ...	Mody Street	Godown	8,000
November 7th ...	Ghorupdeo Road...	Saw Mill	4,000
„ 13th ...	Samuel Street	Building	15,000
December 2nd ...	Supari Bag Road...	Mill	2,00,000
„ 5th ...	Clive Road	Godowns	6,80,200
„ 17th ...	Green Street, Fort	Building	40,000
1909.			
January 5th ...	Dongri Street	Do.	32,500
„ 9th ...	Gorupdeo Road	Huts	5,019
February 8th ...	Reay Road	Tiled-roof Shed	39,110
„ 11th ...	Ferguson Road	Cotton	4,000
Do. ...	Sewri Road	Do.	7,000
„ 26th ...	Elphinstone Road	Do.	5,000
March 6th ...	Sewri Road	Hay	1,25,000
„ 8th ...	Dongri Street	Building	53,600
„ 9th ...	Gorupdeo Road	Do.	20,000
„ 12th ...	Bardan Cross Lane	Do.	34,700

L.—PUBLIC GARDENS.

REPORT OF THE SUPERINTENDENT OF MUNICIPAL GARDENS RECEIVED UNDER HIS No. 468, DATED 31ST MAY, 1909.

SIR,

I have the honour to submit the Annual Report on the administration of the Municipal Gardens during the year 1908-1909.

2. Mr. C. D. Mahalaxmivala was in charge of the gardens throughout the year, except from the 15th of March 1909 when he went on 4½ months' combined leave to Japan and I was appointed to act for him.

3. The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.

(*b*) Elphinstone Circle Garden.

(*c*) Falkland Road Garden.

(*d*) Northbrook Garden.

(*e*) Sir Cawasjee Jehangir Garden at Mahim.

(*f*) Bazaar Gate Street Garden.

(*g*) Dick's Tank Garden.

(*h*) Malabar Hill Garden.

(*i*) Municipal Office Garden.

4. The total number of visitors to the Victoria Gardens during the year under report was 2,060,343 as compared with 1,745,495 in the previous year. This shows an increase of more than 3 lakhs which is the highest on record. This increase in the number of visitors is no doubt due to the frequent Band performances given in the Gardens when so many as from seven to ten thousand people on Saturdays and from ten to fifteen thousand or even more on Sundays have visited the Gardens.

5. In spite of the continued scarcity of labour and the high wages which prevailed in the city during the year under report, the Gardens were maintained up to their usual standard.

6. The repairs to roads were done as usual departmentally but the roads that were to be thoroughly repaired through the Executive Engineer's Department had not been taken in hand by that Department up to the time of writing this Report and consequently the grants apportioned for the purpose will have to be renewed.

7. New water pipes were laid in all the deer enclosures out of the savings of the previous year's grant. The grant for storm-water drains had not been utilized for constructing any new drains up to the end of the year by the Drainage Department, but all the existing road side drains were cleaned and kept in order departmentally.

8. Six hundred and forty-six (646) young trees were supplied to the Executive Engineer's Department for road side planting.

9. A list of new plants added to the collection during the year under report is given in Appendix A to this report. The Superintendent did not visit any garden in India to purchase new plants during the year under report but paid visits to Poona and Baroda, respectively, for the Flower Shows there.

10. The arrangement made by the Commissioner whereby the Band and Pipers of the Royal Scotts were engaged to play at the end of the previous year was continued during the year under report, from October to the middle of February, when the Regiment went Home. This Band grew very popular with the visiting public and drew large crowds of people of all communities to the garden on Saturday afternoons. Besides this, the Bombay Electric Supply and Tramways Company, Limited, arranged at their own expense for the G. I. P. and the B. B. & C. I. Railways Volunteers Bands to play on many holidays and Sundays for which thanks are due to the management of the Company. I may mention in this connection that the want of a suitable and permanent Band Stand is now keenly felt, both by the public and the performers. As these frequent musical entertainments have become very popular with, and draw a large number of the lower and lower-middle classes, the better class of visitors refrain from visiting the gardens on Band afternoons. To attract this latter class of people to the gardens, the Corporation under their Resolution No. 5765, dated 11th December 1908, have resolved to close the garden one day in the week (such day not to be a Saturday or a Sunday) to the general public and to levy an admission fee of annas two for adults and half-an-anna for children on that day. It may fairly be anticipated that this step will induce the better class of persons to visit the gardens though the fees that are to be levied may not prove sufficiently prohibitive to keep away the undesirable element. Besides the above, the requirements of this better class of people have already been catered for in another shape by the Corporation (*vide* their Resolution No. 5843 of 14th December 1908) by resolving to provide musical entertainments for them at the Cooperage Band Stand after converting the surrounding site into a public garden.

11. The grant of Rs. 15,000 provided in the Budget for General Improvements in the garden was utilized mainly constructing a large enclosure for tigers, similar to the lion enclosure and a house for the camel. The first of these was completed and occupied during the year under report and the camel house is just approaching completion. The construction of the bear cage, the new conservatory and the extension of the lion's enclosure which were left unfinished in the previous year were also completed during the year under report. The conservatory for which the Corporation kindly allowed an extra grant of Rs. 4,875 has just been completed and steps will be taken to lay it out during the monsoon.

12. The improvements in the condition of the Zoological portion of the gardens have been well maintained by the addition of new houses and enclosures and the acquisition of new animals. Mr. Doctor, the Assistant Superintendent of the Zoological Collection, who had been on furlough to Europe for 14 months resumed his duties in June. He was able to see and take notes of almost all the best Zoological and Botanical gardens in Europe and brought back with him an interesting collection of beautiful and rare pheasants, monkeys and birds from the Antwerp Zoological Garden. He also arranged to establish business relations for the purchase and exchange of animals with the dealers in Europe and as a result several rare animals, including Llamas, Pumas, Rheas, European Brown Bears, and White Swans were purchased from a German dealer and added to the collection during the year under report. Mr. Doctor also arranged with his friends Messrs. Cowasji Dinshaw and Brothers, of Aden, to secure their co-operation in obtaining rare animals from East Africa and the Somali Coast and since then we have received presents from them, as a first instalment, of a fine young African lion, two leopards and a porcupine.

13. The lists of additions and casualties to the animals during the year under report are given in Appendix B to this report.

14. Amongst the additions may be mentioned a young lion and two leopards presented by Messrs. Cowasji Dinshaw and Brothers of Aden and two Indian wild donkeys by Mr. R. L. Sinclair.

15. The garden has been very unfortunate during the year under report in losing by death three ostriches, two tigers (one of these was very old), a full grown lion and lioness and two of the remaining lion cubs born in the garden during the previous year.

16. 5,126 adults and 8,621 children enjoyed rides on the elephant during the year under report, against 4,030 adults and 6,981 children in the previous year, showing an increase of 1,096 in the number of adults and 1,640 amongst the children. Rides on the camel could not be given during the year under report, as the animal presented by Mr. Haji Kassam Joosab could not be properly broken and shows frequent signs of constitutional infirmity. In my opinion it would not be safe to let the visitors have rides on such an animal. As, however, a very fine house costing nearly 6,000 Rupees has now been provided for a camel it would be advisable to obtain a well trained riding dromedary from Karachi or elsewhere.

17. All the other gardens were maintained in their usual condition, the Northbrook Garden being still occupied by health camps.

18. The budgetted grants and the actual expenditure incurred during the year under report on the different gardens are as follows :—

Names of the Gardens.	Total budgetted amount.	Actual amount spent.
	Rs. a. p.	Rs. a. p.
(a) Victoria Gardens	1,25,241 15 6	81,782 7 8
(b) Elphinstone Circle Garden...	2,174 11 3	1,513 13 5
(c) Falkland Road Garden	450 5 6	158 0 9
(d) Northbrook Garden	1,514 15 2	1,020 12 2
(e) Sir Cowasji Jehangir Garden	466 5 6	273 13 8
(f) Bazaar Gate Garden	733 14 0	514 1 4
(g) Dick's Tank Garden	309 1 2	185 7 4
(h) Malabar Hill Garden	650 11 9	629 5 6
Total Rs. ...	1,31,541 15 10	86,077 13 10

I have the honor to be,
Sir,
Your most obedient servant,
JAMSHED M. DOCTOR,
Ag. Superintendent, Municipal Gardens.

APPENDIX A.

List of Plants added to the Collection in 1908-1909.

Names of Plants.	From whom received.
A collection of Burmah Orchids including :—	Purchased from Mr. J. C. Prazer, Orchid Collector, Burmah.
Aerides multiflorum	
Do. crassifolium	
Arachnanthe Clarkei	
Do. Sp.	
Arundina bambusæfolia	
Calanthe maculatus	
Do. veratrifolia	
Cymbidium giganteum	
Do. grandiflorum var Traceyanum	
Dendrobium aureum	
Do. Bensonæ	
Do. brymerianum	
Do. Calceolaria	
Do. chrysotoxum (Suavissinium)	
Do. Crystallinum	
Do. desiflorum	
Do. Draconis	
Do. do. giganteum	
Do. Falconeri	
Do. Farmeri	
Do. fimbriatum	
Do. jamesianum	
Do. Jankinsii	
Do. ochreatum (cambridgeanum)	
Do. Parishii	
Do. pendulum	
Do. primulinum	
Do. rhodopterygium	
Phaius (Thunia) Bensonæ	
Phatænopsis Sp.	
Renanthera Imschootiana	
Saccolabium giganteum	
Do. Sp.	
Vanda Bensoini	
Do. Cyndricum	
Do. teres	
Seeds and Cuttings of Plassiflora quadrangularis	Presented by the Hon'ble Mr Justice Basil Scott, B.A.
Nuts of 'Coco-de-mer' Lodoicea sechellarum	Presented by the Curator, Botanical Station, Seychelles.
(Ye' Eb nuts) Cordeauxia, edulis Hemsl (Yeheb)	Received in exchange from Curator, Botanical Station, Seychelles.
A collection of seeds of different kinds of Palms	Presented by Dr. R. E. D. Brackman, Birbera, Somaliland.
Do. do. do. Eucalyptus ...	Presented by Haage and Schmidt, Nursery and Seedsmen, Erfurt, Germany.
Asclepias semilunata (Seeds)	Presented by H. E. the Governor of Bombay, through the Superintendent, Government House Garden, Kirkee.
Phœnix humilis (Seeds)	Presented by Profr. G. A. Gammie, Imperial Cotton Specialist, and Economic Botanist, Bombay.
A collection of seeds of different kinds of Palms	Purchased from the Curator, Royal Botanic Gardens, Peradeniya, Ceylon.
Eurycles sylvestris	Presented by the Curator, Royal Botanic Gardens, Calcutta.
Furcræa (Fourcroya) gigantea var variegata	Received in exchange from the Mysore Government Botanic Gardens, Bangalore.
Eichornea speciosa	Presented by the Superintendent, State Gardens, Baroda.
Para rubber	Presented by Mr. R. H. Madon, Divisional Forest Officer, Thana.

APPENDIX A—*continued.*

Names of Plants.	From whom received.
Cordyline indivisa	Presented by Mr. E. Little, Superintendent, Government House Garden, Kirkee.
Cuphea ignea, (platycentra)	
Labiata from Uganda	
Engenia caryophyllata	Presented by the Superintendent, Empress Botanic Gardens, Poona.
Buxus sempervirens	
Prinsepia utilis	
Artocarpus Nobilis	Presented by Mr. T. W. Cuffe.
A collection of seeds of different kinds	Presented by Capt. Heneage, H. M. S. Hyacinth, Bombay.
A collection of seeds of different kinds of Acacias, Angophora	Presented by the Director of Botanic Gardens, Adelaide, South Australia.
Banksia, Casuarina	
Cailitris, Callistemon, Chloris	
Cupania, Doryanthus, Eriostemon	
Eucalyptus, Ficus, Grevillea	
Hakea, Hopteleurum, Leucopogon	
Leptospermum, Melaleuca	
Neurachne, Perosonia	
Stenocarpus, Sterculia, and Tecoma	
Vinca major elegantissima	Presented by the Superintendent, Ganeshkhind Gardens, Kirkee.
Phalaris arundinacea variegata	
Eichornea speciosa	
Barleria Gibsoni (seeds)	
Salix babylonica	Received in exchange from the Superintendent, Sajjan Niwas Gardens, Udaipur, Rajaputana.
Do. tetrasperma	
Wistaria chinensis	
Lemna Sp...	
Amna	

APPENDIX B.

LIST OF ANIMALS PRESENTED TO THE ZOOLOGICAL COLLECTION OF THE VICTORIA GARDENS, BOMBAY IN 1908-1909.

Nos.	Names.	Presented by.
1	Leadbeater's Cockatoo	Mr. Nagindas Ranchordas.
1	White-crested Cockatoo	
1	Indian Antelope	„ P. K. Gazdar.
1	Panther Cub	The Honorary Secretary, Bombay Natural History Society.
2	Panther Cubs...	H.H. the Maharaval of Dangarpur.
1	Indian Antelope	Mr. J. Duncan Roberts.
1	Four-horned Antelope	„ L. Napier.
1	Leopard	„ K. J. Dastur.
1	Roseate Cockatoo	„ J. A. Guider.
1	Rose-crested Cockatoo	„ R. D. Sethna.
1	Indian Gazelle	Munshi Gulab Mya.
2	Java Sparrows	Dr. Stringfellow.
26	Weaver Birds...	Mr. Pandrinath Patel.
18	Finches of sorts	Mrs. Liston.
1	Sloth Bear (cub)	Mr. A. D. Bell.
1	Leopard	Messrs. Cowasji Dinshaw and Brothers of Aden.
1	Lion (Young male)	
1	Porcupine	
2	Panther Cubs...	Sayed Mohidinkhan.
1	Gazelle...	Mrs. M. E. Eagle.
1	Lesser Sulphur Cockatoo	Mr. S. P. Cooper.
1	Four-horned Antelope	„ W. Charpie.
22	Finches of sorts	„ R. Wenning.
1	Emu	„ Ralph Watson.
1	Black-tailed Wallaby	
1	Four-horned Antelope	„ J. Counsell.
1	White Swan	„ J. Witek.
1	Sloth Bear	„ A. Montgomerie, I.C.S.
1	Indian Antelope	„ P. Lobo
2	Persian Gazelles	Mrs. Mullen.
1	Indian Antelope	Mr. Naranji Dwarkadas.
1	Sykes' Monkey	Miss Mullen.
1	Malbrouck Monkey	Mrs. E. Shrewsbury.
2	Leopard Cubs	Mr. M. H. Hubbard.
1	Crab-eating Monkey...	„ G. G. Shipp.
2	Crab-eating Monkeys	Mrs. E. Holmes.
1	Indian Antelope	Mr. Trivininath Pydhani.
1	Hyaena	„ J. Minness.
1	Spotted Deer...	Col. Kavanagh.
2	Wild Donkeys (Young)	Mr. R. L. Sinclair.

LIST OF ANIMALS PURCHASED FOR THE VICTORIA GARDENS, BOMBAY, IN 1908-1909.

1 Sloth Bear (Cub).
1 Cassowary.
1 Victoria Crown Pigeon.
4 Blue Thrushes.
4 Orange Birds.
4 Red Cardinals.
3 Chinese Robins.
2 Green Monkeys.
4 Campbell's Monkeys.
4 Amherst's Pheasants.
2 Reeve's Do.
2 California Quails.
1 Currassow.
1 Crested Screamer.
2 Pumas.
2 Rheas.
2 Llamas.
2 Brown Bears.
4 White Swans.
1 Black Gibbon.
3 Monaul Pheasants.
2 Crested Guinea Fowls.
3 Purple-faced Monkeys.
3 Black Swans.

and all other smaller birds and mammals.

LIST OF ANIMALS BORN IN THE VICTORIA GARDENS, BOMBAY, IN 1908-1909.

2 Black fronted Lemurs.
1 Indian Gazelle.
4 Indian Antelopes.
2 Malayan Mouse Deer.
1 Hog Deer.
2 Sambur Deer.
1 Black-tailed Wallaby.
2 Indian Porcupines.
7 Spotted-billed Ducks.
3 Spotted Deer.

THE FOLLOWING WERE AMONG THOSE THAT DIED IN THE VICTORIA GARDENS, BOMBAY, DURING THE YEAR 1908-1909.

1 Leopard Cat.
1 Cabbot's Tragopan.
2 Black Swans.
2 Cassowaries.
2 Lion Cubs.
3 Ostriches.
1 Lynx.
4 Indian Gazelles.
3 Hog Deer.
1 Indian Wild Dog.
2 Ring-tailed Lemurs.
2 Himalayan Bears.
1 Sloth Bear (Young).
1 White Swan.
1 Rat-Kangaroo.
1 Victoria Crown Pigeon.
1 Crested Screamer.
1 Lioness.
2 Sambur Deer.
3 Rock Wallabies.
1 Lion.
2 Amherst's Pheasants.
1 Green Monkey.
2 California Quails.
1 Leopard.
3 Four-horned Antelopes.
2 Indian Antelopes.
1 Tigress (old).
1 Tigress.
2 Purple-faced Monkeys.
1 Spotted Deer.

JAMSHED M. DOCTOR,
Ag. Superintendent, Municipal Gardens.

M—VICTORIA & ALBERT MUSEUM.

REPORT OF THE CURATOR AND SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. 75, DATED 21ST MAY 1909.

SIR,

I HAVE the honour to submit the following Annual Report of the Victoria and Albert Museum for the year 1908-1909.

I received charge of the office of the Curator and Secretary of the Museum from Mr. Cecil L. Burns, on the 1st of May 1908; he having proceeded to England on eighteen months' leave from that date.

I am glad to be able to preface this my report with an expression of my satisfaction at the work done in the Museum by the members of the staff employed under me.

New show-cases ordered at a cost of Rs. 5,000 were received during the course of the year and have been placed in their respective places, containing specimens for which they were intended. Also four large wooden-shields to display the collection of arms and armoury were received during the year, but these have not been placed in position, as the work of painting and decorating that portion of the Museum in which they are to be exhibited, is still incomplete. Besides the above, two cases costing Rs. 600 were ordered from the Municipal Workshops, and have been placed in the Natural History Section of the Museum.

With reference to the collection of specimens in the Museum, I propose to treat of them under the following headings.

I.—Natural History.

II.—Archæology.

III.—Art and Industry.

IV.—Ethnology.

and lastly V.—Geology.

I. NATURAL HISTORY.

During the year under report, the services of a trained taxidermist were engaged for a portion of the year, and by him some of the old and valuable specimens in Natural History were restuffed and remounted. These are now displayed in some of our show-cases prepared in the preceding two years, and these now present a far better appearance.

The following new cases were prepared during the year. (1) The Himalyan Bear Case, (2) The Indian Antelope Case, (3) The Pheasants Case, (4) The Lemur Case and (5) The Kangaroo Case. In all these cases, specimens stuffed and set in position by the taxidermist are displayed in the midst of their natural surroundings with painted back-grounds.

The following specimens of dead animals were received from the Superintendent of Garden:—(1) Cabbot's Trajopan, (2) Three specimens of Leopard Cats, (3) Porcupine, (4) Three specimens of Leopard Cubs, (5) Red-crested Pochard, (6) Indian Wild-Boar, (7) Eight specimens of different species of Lemurs, (8) Four specimens of Australian Black Swans, (9) Two specimens of Ostriches, (10) Two specimens of Pea-cocks, (11) Five specimens of African Lion Cubs, (12) Indian Spotted Deer, (13) Two specimens of Himalyan Bears, (14) Great Grey Kangaroo, (15) Wallaby, (16) Rat-Kangaroo, (17) White Swan,(18) African Lion, (19) African Lioness, (20) Two specimens of Bengal Tigresses, (21) Two specimens of Indian Nilgai, (22) Gibbon, (23) Lesser Sulphur-Crested Cockatoo, (24) Rose crested Cockatoo, (25) Purple capped Lory, (26) Jackal, (27) Californian Quail, (28) Little Bustards, (29) Bar-headed Goose, (30) Golden Pheasant and different specimens of Parrots and Parrakeets.

The Commissioner has approved of my proposal to have the two specimens of the African Lion and Lioness stuffed and mounted in England by one of the best firms of taxidermists. It is estimated that the work will cost about Rs. 1,200, and should result in the acquisition of two very valuable and interesting specimens for the Museum.

The specimens of Osteology and Fish found in the neighbourhood of Bombay and Zanzibar are being rearranged, and labels bearing the scientific name of each specimen, and showing particulars regarding genus, locality and uses are being prepared.

II. ARCHÆOLOGY.

The collection of ruins of an old Nasik Temple were removed from the obscurity in which they were lying, and after being thoroughly cleaned and treated with preservatives, are now exhibited in the section to which they properly belong.

III. ART AND INDUSTRY.

A large show-case fitted with strong plate glass, costing Rs. 1,400, has been set up with models of boats, such as we see plying in the harbour engaged in the sea borne traffic between this Island and the adjacent mainland. Clay models representing passengers of different nationalities, tindals and fishermen have been specially made so as to suit the size of the boats, and these have been placed in their respective positions in the boats. Models of sea-waves prepared at the School of Art under the supervision of Mr. Burns have been procured and set in position and painted so as to give the appearance of the surface of the sea, on which the boats rest. The case is one of the most attractive in the Museum.

The collection of Silver Ornaments in the Museum was during the year properly identified and labelled and divided into two groups, namely those worn by Somali and Arab women and those worn by Indian women. A few specimens of ornaments worn by Indian women were purchased at a cost of Rs. 132, representing the ornaments generally worn by women on this side of the Presidency.

The collection of Silver Art-ware, it is proposed, to improve by the sale of some of the common place and inartistic specimens, which it at present contains, the sale proceeds thereof to be utilised with the Commissioner's sanction in purchasing new articles possessing higher artistic merit. A fine specimen of silver enamelled cup from Cashmere was added to this collection.

The collection of fishing nets such as are used in our Presidency, was completed during the year by the addition by purchase of those that were found to be wanting. These were purchased from a Fisherman from Danda in the Island of Salsette, from whom particulars showing names, locality, and uses of the various nets were obtained and typed on labels placed against the various specimens of nets used in one of the most lucrative industries of this Island.

The Stone-ware collection received the following new specimens by purchase. Two specimens of Inlaid Marble Dishes, one specimen of an Inlaid Marble Chess-Board and one specimen of the model of the Taj-specimens of Agra Industry.

The Horn-work collection also received the following new specimens;—Two specimens of scorpion, one of a lizzard, one of a beetle, and one of a cock-roach.

The collection of specimens in the Textiles Section of the Museum, including both silk and cotton, was overhauled. All the specimens have been rearranged according to their fabric, but the collection will require some time and money to be complete and interesting.

The most important work done in the Section of Industries, is the acquisition of a number of agate specimens from Cambay. These contain raw agates, skinned and polished agates showing the various processes through which the raw stone passes till it is a finished article of commerce. Besides these, small models of instruments used by the traders in their craft were procured. All these have been arranged in a case with a brief history of the industry.

IV. ETHNOLOGY.

The Ethnological Section of the Museum received greater attention during the year, and when complete will well repay the time, trouble and money spent on the work of its development.

About fifty different models representing different castes, based on illustrations given in the "Typical Pictures of the Natives" published by the "Times" and in other similar books of reference and on the photographs taken at the Museum were modelled and are now being exhibited.

Besides these, about fifty figures representing mendicants belonging to both the Hindoo and Mussulman creed have been modelled and exhibited, those belonging to the former being so made as to illustrate the difference in marks, dress, etc., peculiar to the sect to which they belong, namely, the Shivites, Vaishanvites, Jains and Sikhs.

A case possessing far more importance and interest from a mythological point of view, was prepared during the year containing a scene copied from the Indian Epic Ramayana. The Scene shows Sita seated in the Ashokavan, guarded by the demon guardians during the time of her captivity, by Ravana. The figures are all made of clay, and are suitably arranged in the midst of forest scenery as depicted in the Ramayana. The get-up of the whole case is, in my opinion, very satisfactory and the work is greatly appreciated by the public, as evinced by the large numbers of people that gather round it.

The collection of Turbans or Head-dresses of the Natives was during the year completed so far as it refers to the various types that are found in use among the Natives of this Presidency. In all about fifty new Turbans and caps were purchased costing about Rs. 230 and include specimens of Turbans worn by the Muhamedans (Arabs, Afghans, Bohoras, Khojas, Memons, and Indian Muhamedans), by the Parsees (Irani and Dastur), and lastly by the Hindus (Kamatees, Bhandarees, Brahmins, Marwarees, Jewellers and so forth).

V. GEOLOGY.

Mr. H. M. Page, to whom the work of identifying and rearranging the specimens, has been entrusted, has not up to the time of writing this report been able to complete his work.

MUSEUM LIBRARY.

The Library continued to receive books from the Government of India, The Bombay Government, and the Smithsonian Institute as usual. The following books on different subjects were purchased during the year :—Volumes of Genera Insectorum, Life and Labour in India, Indian Castes in two Volumes (Wilson), Hatha Yoga, Pictures of Indian Life, Indians at a Glance, India and its Native Princes, Scenes from the Life of Buddha, Cults, Customs and Superstition of India, High Road to India, Original Inhabitants of India, Kashmere, the land of Streams and Solitudes, Women of all Nations Vol. I, Religion of the Vedas, People of India by H. H. Risley, Hindus castes and sects (Bhattacharya), The Worlds Birds, The Bird-book, Kabir and Kabir Panth and each Nation's Pictures in four Volumes.

" Forty years Researches in British and Saxon Burial Mounds of Fast Yorkshire " was presented by Sir Tatton Sykes to the Museum and thankfully accepted.

DAILY ATTENDANCE OF VISITORS.

During the year, the Museum was open to the public for 313 days. The total number of visitors was 882,493 against 872,423, thus giving a daily average of 2,820 against 2,778 of the year 1907-1908.

I have the honour to be

SIR,

Your most obedient servant,

G. F. POLLARD,

Acting Curator and Secretary.

ANNUAL REPORT ON THE GENERAL STORES DEPARTMENT FOR THE YEAR 1908-09.

(*Report of the Storekeeper submitted with his No.* 1443 *of* 15th *May* 1909.)

SIR,

I HAVE the honour to forward herewith the Annual Report of the Central Stores for the year 1908-1909.

2. The following list shows the different contracts entered into during the year under report:—

Serial No.	Names of Firms.	Articles of supply.
1	Messrs. Hassanali Adamji & Co.	Hardware and miscellaneous stores.
2	,, Garlick & Co.	Iron castings.
3	,, Adamji Shaik Shamsudin & Co. ...	Timber.
4	,, Ditto ditto.	Benteak and Calicut logs.
5	,, Bhawoo Kashinath & Co.	Waterproof coats.
6	,, Adamji Shaik Shamsudin & Co. ...	,, umbrellas.
7	,, Ditto ditto	Oil kerosine 125°.
8	The Standard Oil Co.	,, ,, 150°.
9	Messrs. Adamji Shaik Shamsudin & Co. ...	,, castor and gingelly.
10	,, Hassanali Adamji & Co.	Cotton waste white coloured.
11	The Vacuum Oil Co.	Grease axle mineral.
12	Messrs. Turner Morrison & Co.	Oil linseed and spirit of turpentine.
13	The Vacuum Oil Co.	Oils mineral, shafting, lubricating, &c.
14	Messrs. Hassanali Adamji & Co.	Canvas hose, Europe.
15	,, Adamji Shaik Shamsudin & Co. ...	Lead pig.
16	,, W. Crowder & Co.	Canvas hose 2½″.
17	,, Bhawoo Kashinath & Co.	Hose flaxen India rubber lined 2½″.
18	,, Abdulali Karimbhoy & Co.	Gunmetal and copper scrap.
19	,, Adamji Shaik Shamsudin & Co. ...	Lead sheets and water pipes.
20	,, Hassanali Adamji & Co....	Tin block and white metal.
21	,, Mulji Haridas & Co.	Iron and steel bars and plates.
22	,, Hassanali Adamji & Co.	Buckets galvanized.
23	,, Bhawoo Kashinath & Co.	Hoes (Powras iron) Europe.
24	,, Ditto. ditto.	Chain iron.
25	,, Ditto. ditto	Firewood and charcoal.
26	,, Abdulali Karimbhoy & Co.	Brooms Goa and Date.
27	,, Ditto ditto	Baskets cane and bamboo.
28	,, Adamji Shaik Shamsudin & Co. ...	Leather hides.
29	,, Hassanali Adamji & Co.	I. R. sheet and washers for Morrison couplings.
30	,, Ditto ditto	Soap Europe and country.
31	,, Ditto ditto	Lamps Hurricane and globe.
32	,, Adamji Shaik Shamsudin & Co. ...	Wicks for lamps and tape cotton.
33	,, Ditto ditto	Nose strings cotton for bullocks.
34	,, Hassanali Adamji & Co.	Smoke testers.
35	,, Bhawoo Kashinath & Co.	Line coir.
36	Mr. Karimbhoy Moo sajiNalwalla	Shoes and nails iron for bullocks.
37	Messrs. Hassanali Adamji & Co.	Rope coir.
38	,, Ditto ditto	Rope hemp old for torch lights.
39	,, W. Crowder & Co.	,, Manilla best.
40	,, Hassanali Adamji & Co.	,, cotton and line log country.
41	,, Ditto ditto	Yarn spun and yarn hemp.
42	,, Wilkinson Heywood & Clarke... ...	Paints of sorts.
43	,, Bhawoo Kashinath & Co.	Shellac Bengal best.
44	,, ,, ,, ...	Tar or pitch coal Europe.
45	,, ,, ,, ...	Files of sorts.
46	,, Hassanali Adamji & Co.	Nails and screws iron.
47	,, ,, ,, ...	Bolts and nuts iron.
48	,, ,, ,, ...	Rivets and washers iron.
49	,, ,, ,, ...	Packing karmal.
50	,, Adamji S. S. & Co.	,, asbestos and Tucks patent.
51	,, ,, ,, ...	Pipes and fittings galvanized.
52	,, Hassanali Adamji & Co.	Shafts wooden Bhendy.
53	,, Adamji Shaik Shamsudin & Co. ...	Copper ball valves self closing reversible.
54	,, Hassanali Adamji & Co.	Cloth Dungry.
55	,, Bhawoo Kashinath & Co.	Camblees woolen.

3. A separate contract for the supply of oil cocoanut was entered into with Messrs Keshawji Jadhawji & Co., to 31st December 1909.

4. The following important contracts were also entered into during the year :—

Serial No.	Names of Firms.	Articles of supply.	Approximate value.		
			Rs.	a.	p.
1	Messrs. Turner Hoare & Co. ...	4 Winches.	960	0	0
2	,, Bradbury Brady & Co. ...	750 lbs. Brad valves	2,578	2	0
3	,, Richardson & Cruddas ...	1,200 C. I. Railway chairs... ...	1,350	0	0
4	,, ,, ,, ...	525 two holed C. I. Railway chairs.	640	8	0
5	,, Thomson & Taylor ...	Izal disinfectants	16,562	8	0
6	,, Ewart Latham & Co. ...	9 C. I. cattle troughs	2,088	0	0
7	,, Hassanali Adamji & Co. ...	600 teakwood sleepers	3,525	0	0
8	,, ,, ,, ...	Hospital clothing	10,905	5	0
9	,, Burn & Co.	Sluice valves, C. I. pipes for laying mains in different parts of the City	68,530	15	11
10	,, ,, ,, ...	Sluice valves, C. I. pipes for laying mains in B Ward.	86,315	4	0
11	,, Richardson & Cruddas ...	4 Kitson lamps	560	0	0
12	,, ,, ,, ...	C. I. Covers and frames for manholes	7,328	13	11
13	,, Turner Hoare & Co. ...	Roots small size climax blowers for hand power	760	0	0
14	,, ,, ,, ...	9″ C. I. pipes	1,639	9	11
15	,, John Fleming & Co. ...	Bassa Broom Ribs	535	8	0
16	,, Hassanali Adamji & Co. ...	Boots and leggings...	927	0	0
17	,, Burn & Co.	C. I. pipes, &c., for replacing the existing water mains in Mount Road &c., ...	14,430	4	0
18	,, ,, ,, ...	C. I. pipes and special castings ...	9,284	12	9
19	,, Garlick & Co.	Sluice valves, stop taps and bib taps &c., ...	6,695	7	9
20	,, ,, ,, ...	Stand post fire hydrants	41,250	0	0
21	,, ,, ,, ...	Water meter fittings	4,248	0	3
22	,, Turner Hoare & Co. ...	Rubber lined flaxen hose, fire appliances &c.	18,116	0	0
23	,, Garlick & Co.	C. I. pipes and tubes	939	2	1
24	,, Turner Hoare & Co. ...	10 lengths of 1″ India rubber non-kinkable hose	1,246	14	0
25	,, ,, ,, ...	C. I. pipes and specials, &c., required for replacing mains in Mugbhat Cross Lane and Mahomedan Street, &c., for extending 6″ diameter in Sewri Road	7,155	7	0
26	,, John Fleming & Co. ...	Double diaphragam pump	594	0	0
27	,, Sutton & Co.	S. W. pipes and fittings	5,697	3	0
28	,, Hassanali Adamji & Co. ...	,, ,, ...	2,355	6	0
29	,, Balmer Lawrice & Co. ...	Telescopic ladders	6,130	0	0
30	,, John Fleming & Co. ...	Wrought steel Y branch	1,480	0	0
31	,, Burn & Co.	Sluice valves, C.I. pipes and special castings, &c., required for laying mains in Bapu Khote Street. ...	2,375	0	2
32	,, Bradbury Brady & Co. ...	Brad valve faces	3,406	4	0
33	,, Marsland Price & Co. ...	Portland cement	20,062	8	0
34	,, W. Crowder & Co.... ...	Dick's Canvas Balata Belting ...	1,162	8	0
35	The following was also purchased from Messrs. W. & A. Graham & Co. *viz.* Pesterine for sanitary purposes				

5. The following quotations were also invited, for—

1. Fire and Burglar proof safe.
2. Iron safe with wooden stand.
3. One 10 cwts. Avery's Platform weighing machine.
4. One 20 cwts. Platform weighing machine of Pooley's make.
5. 4 4″ Sluice valves.
6. 6 6″ Sluice valves with tail pieces complete.
7. 60′—1½″ non-kinkable India rubber hose.

6. A line suspense account for cast iron pipes and special castings has been opened as sanctioned by the Standing Committee in their Resolution No. 7847, dated 11th March, 1908.

7. The work of dividing the stores and Water Works yard has been sanctioned, and is only awaiting the removal of Pipes on works to enable the work being carried out.

8. The question of providing a small grant to make up the estimated amount for the Stores Office has been put up for consideration of the Municipal Commissioner, and it is hoped the amount can be allotted, as the early erection of the office is much to be desired, the present arrangements being most unsatisfactory.

9. The following works have been carried out, and have added greatly to the security and lighting of godowns, &c.

(*a*) Enclosing in the north and south ends of roofed in space between godowns.

(*b*) Fixing skylights of glass in the roofs of godowns.

(*c*) Fire appliances have been fixed to this Department.

10. The Stores compound on its western side is still in a very unprotected state, the only protection being a low wall with a wire fencing on top of it. I consider either a stone wall about 10 feet high with glass on top, or an iron fence of about the same height is necessary.

11. The compound at the Bellasis Bridge Pipe Depot is also quite unprotected on its eastern side and northern end and offers easy facilities for thefts of stores. The main difficulty in providing against this is that the ground is Government property, and there are certain objections to spend money on erecting walls, &c., on ground which is not the property of the Municipality. If the land on the westside of Stores Yard at Chinchpokli could be purchased for extending the stores yard, the ground at the Bellasis Bridge Pipe Depot could be cleared of all stores except cement, and they could be much better looked after and protected than at present.

12. The value of serviceable stock on 31st March 1909, amounted to Rs. 4,71,080-5-1 as compared with Rs. 4,38,072-3-6 at the close of the preceding year, being an increase of Rs. 33,008-1-7 due to purchase of pipes and fittings for Water Works in progress.

13. The value of Surplus and Obsolete stock on the 31st of March, 1909, was Rs. 53,924-9-0 as compared with Rs. 1,95,355-13-4 for the preceding year, being a decrease of Rs. 1,41,431-4-4 owing principally to the disposal of Drainage stores by sale of the value of Rs. 65,308-5-9 and articles to the value of Rs. 1,09,597-7-4 transferred to Line Suspense Account. On Mr. Bryant's verification it was also ascertained that we had about Rs. 40,000 worth of Surplus and Obsolete Stores in excess to figure shown in our books.

14. STATEMENT showing the value of Stores Purchased and Issued during 1908-09 and the balance in hand on 1st April 1909, as per Ledgers of this Department.

—	General Stores.	Surplus and Obsolete Stores.	Line Suspense account.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores in hand on 1st April, 1908...	4,38,072 3 6	1,95,355 13 4	.....	6,33,428 0 10
,, ,, receipts during the year 1908-09	7,35,678 4 1	54,382 2 2	1,22,344 10 0	9,12,405 0 3
Total value Rs...	11,73,750 7 7	2,49,737 15 6	1,22,344 10 0	15,45,833 1 1
Less—				
Value of Stores issued during the year 1908-09 ...	7,02,670 2 6	1,95,813 6 6	.....	8,98,483 9 0
Value of Stores in hand on 1st April, 1909	4,71,080 5 1	53,924 9 0	1,22,344 10 0	6,47,349 8 1
Add—				
Discrepancies in the rates charged in 1908-09 adjusted as per Clause 29 of the Stores and Stores Audit Manual against "Rate Adjustment Account." ..	748 10 4	.....	.....	748 10 4
Balance on 1st April 1909	4,71,828 15 5	53,924 9 0	1,22,344 10 0	6,48,098 2 5

I have, &c.,

J. LACEY,
Storekeeper.

LICENSE DEPARTMENT.

REPORT OF MR. L. W. MICHAEL, SUPERINTENDENT OF LICENSES, FOR THE YEAR 1908-1909, SUBMITTED UNDER HIS No. 1572, DATED 3RD MAY 1909.

I HAVE the honour to submit my Annual Report for the year 1908-1909.

2. I held the office of the Superintendent of Licenses during the year under report.

3. I am glad to be able to report a further increase in the revenue from Rs. 83,347-8-0 to Rs. 84,646-8-0 as shewn in lists A & B appended hereto. The revenue would have been still greater had it not been for the closing of several stables, the removal of Bone factories and the loss of revenue from the Bulk Oil Installations which are now not licenseable under the Municipal Act.

4. In my last Annual Report, I had referred to the action which was being taken to remove the storage of Bones from the City which gave cause for constant complaints. This offensive trade has since been removed. I have also directed action in the case of the storage of Wool and Cotton under dwellings, and I am now able to report that my action has resulted in the closure of several of such places.

5. The question of improving Milch Cattle stables has occupied a great deal of my attention during the year under report. In my letter No. 17462 of 27th November 1908, I had shewn in list B that 33 stables had been closed and to this list I must now add four more, *viz.* :—

(a) 2 at Thomas Street, Fort.
(b) 1 at Shaik Budan Commodin Street; and
(c) 1 at Bohra Street.

6. The following is the complete list of stables closed up-to date :—

1. Frere Road.
2. Pilot Street.
3. 1st Pathan Street.
4. Chandanwadi.
5. Do.
6. Goghari Moholla, 1st Cross Lane.
7. Chandanwadi.
8. Do.
9. 1st Cooper Street.
10. 1st Pathan Street
11. Do.
12. Chandanwadi.
13. Do.
14. Do.
15. Goghari Moholla, 1st Cross Lane.
16. Do.
17. 2nd Pathan Street.
18. Falkland Road, 4th Cross Lane.
19. Khetwadi 1st Street.
20. Khetwadi 2nd Street.
21. Gamdevi Road.
22. Bapty Road.
23. Khetwadi 10th Lane.
24. Banganga Cross Lane.
25. Do.
26. Kamatipura 2nd Lane.

27. Mastan Tank Road.
28. Do.
29. Parel 1st Cross Lane.
30. Parel Tank Road.
31. Sewri Cross Road.
32. Chandanwadi.
33. Gowalia Tank Road.
34. Thomas Street.
35. Do.
36. Bohra Street.
37. Shaik Budan Commodin Street.

7. Apart from this, action is still being taken for the improvement of other Milch Cattle Stables, which, if not improved within a reasonable time, will have to be closed.

8. I had to exercise considerable caution in the closing of these stables for they had been in existence for years and their closure might have given rise to unnecessary complaints.

9. The question of the provision of bullock stables is, I understand, still being considered by a Committee of the Corporation.

10. The number of prosecutions conducted during the year against persons for carrying on trades subject to licenses, without licenses, or for infringing the conditions thereof amounted to Rs. 2,411. The total fines inflicted during the year amounted to Rs.2,284.

11. The licensing of Railway premises had not been settled at the close of the year, but I hope to see the question definitely disposed of before the end of the ensuing year.

12. The following table shows the revenue collected during a series of years :—

Official Year.	Number of Licenses issued.	Revenue from License Fees.			REMARKS.
		Rs.	a.	p.	
1890-91	3,235	36,417	8	0	
1891-92	4,110	46,383	0	0	
1892-93	4,833	54,996	8	0	
1893-94	5,407	60,507	8	0	
1894-95	5,701	63,914	8	0	
1895-96	5,880	65,048	8	0	
1896-97	5,130	56,462	8	0	
1897-98	5,750	63,741	8	0	
1898-99	5,588	60,646	8	0	
1899-00	5,831	63,732	8	0	
1900-01	5,912	63,689	0	0	
1901-02	6,154	67,516	0	0	
1902-03	6,538	72,028	0	0	
1903-04	6,474	73,830	0	0	
1904-05	6,576	75,149	8	0	
1905-06	6,545	76,370	8	0	
1906-07	6,639	81,672	0	0	
1907-08	6,991	83,347	8	0	
1908-09	7,163	84,646	8	0	

13 My staff, both indoor and outdoor, worked satisfactorily.

A.

Yearly total of License Fees (with Process Fees) recovered during 1908-1909.

No. of Licenses issued.	Nature of Trade.	License Fees.		Process Fees.	
		Rs.	a.	Rs.	a.
4	Bones	80	0	.....	
11	Bricks Manufacturing (Hand-made)	110	0	.....	
4	Candles (Manufacturing)	60	0	0	8
2	Catgut	30	0	.....	
304	Charcoal	2,426	0	22	8
249	Chemical Preparations	3,370	0	6	0
100	China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow.	735	0	6	8
132	Coal and Coke	2,365	0	8	0
60	Cotton (Storing, Pressing &c.)	1,725	0	3	0
153	Cotton Refuse, Seed or Waste	3,175	0	12	0
172	Cloths in Indigo and other Colours, Dyeing (Hand-power)	1,740	0	18	8
13	Do. do. do. (Mechanical-power)..	620	0	0	8
41	Dammer, Tar or Pitch	710	0	10	8
1	Dynamite...	50	0	.....	
36	Fat and Tallow	540	0	4	8
13	Fins (Dried)	195	0	.....	
20	Fish („)	485	0	.....	
141	Fireworks (Retail)	705	0	4	8
17	Do. (Wholesale)	625	0	0	8
204	Firewood (Retail)	408	0	4	0
844	Do. (Wholesale)	9,420	0	62	0
2	Gas (Manufacturing)	100	0	.....	
21	Gunpowder (Retail)	105	0	.....	
2	Do. (Wholesale)	100	0	.....	
1	Hair	15	0	.....	
163	Hay, Straw and Grass...	4,060	0	13	8
11	Hides and Skins (Dried)	165	0	0	8
18	Do. (Raw)...	1,100	0	1	0
19	Do. and Wool	1,235	0	2	8
20	Horns and Hoofs	485	0	0	8
1,307	Kerosine Oil (Retail)	6,535	0	98	8
37	Do. (Wholesale)	1,680	0	0	8
22	Lime for burning (Lime-Kilns)	1,100	0	4	0
535	Matches (Retail) other than Bengal Lights	683	0	26	0
31	Do. (Wholesale) do. do.	1,448	0	2	0
2	Do. (Bengal Lights)	104	8	.....	
150	Metals (Casting)...	2,220	0	9	0
111	Oil (Ghanies) Mills	885	0	19	8
6	Oils (Mills) prepared by Mechanical Power	190	0	.....	
295	Do. (Storing)	5,371	0	18	8
1	Paper (Manufacturing)	15	0	.....	
10	Petroleum (Non-dangerous) (Retail) (under Municipal Act)	50	0	.....	
8	Petroleum (under Petroleum Act)	1,710	0	.....	
34	Do. (Dangerous) (under Petroleum Act) ...	102	0	.....	
68	Poisons (Ordinary)	340	0	0	8
17	Do. (Special)	825	0	.....	
20	Pottery (Manufacturing)	100	0	1	0
2	Rags	30	0	.....	
4	Rangoon or Burmah Oil	35	0	.....	
8	Rosin	40	0	.....	
24	Saltpetre	120	0	.....	
18	Silk (Dyeing)	90	0	1	0
18	Soap (Manufacturing)	270	0	0	8
33	Sugar Refineries...	810	0	.....	
59	Sulphur (Retail)	295	0	1	0
15	Do. (Wholesale)	180	0	0	8
71	Stables for Horses	2,430	0	1	0
88	Do. Milch Cattle	6,050	0	1	8
61	Do. Bullocks	905	0	3	0
2	Do. other four-footed animals...	10	0	.....	
	Carried over ...	71,562	8	369	8

Yearly total of License Fees (with Process Fees) recovered during 1908-1909.—*Concld.*

No. of Licenses issued.	Nature of Trade.	License Fees.		Process Fees.	
		Rs.	a.	Rs.	a.
	Brought forward ...	71,562	8	369	8
1,050	Timber	9,971	0	137	8
112	Turpentine (Retail)	560	0	1	8
18	Do. (Wholesale)	270	0	.....	
43	Waste-paper	43	0	0	8
29	Whistles (Steam)	290	0	0	8
61	Wool	1,785	0	3	8
7,148	TOTAL Rs....	84,481	8	513	0

B.

Statement showing the amount of License Fees (with Process Fees) for 1907-1908 recovered in 1908-1909.

No. of Licenses issued.	Nature of Trade.	License Fees.		Process Fees.	
		Rs.	a.	Rs.	a.
3	Bricks	30	0	2	0
1	Charcoal	5	0	.....	
1	Coal and Coke	10	0	.....	
1	Fat	15	0	0	8
3	Firewood	25	0	1	8
2	Kerosine Oil (Retail)	10	0	1	0
1	Casting Metal	5	0	0	8
1	Oil (Ghani) Mill	5	0	1	0
1	Oils (Storing)	10	0	0	8
1	Poison (Special)	50	0	.....	
15	Total Rs. ...	165	0	7	0

Summary of Income for 1908-1909.

No. of Licenses issued.	Official year during which collection was made.	License Fees.		Process Fees.		REMARKS.
		Rs.	a.	Rs.	a.	
15	Income for 1907-1908 collected during the Official year 1908-1909	165	0	7	0	*Vide* Statement **B.**
7,148	Income for 1908-1909 collected from 1st April 1908 to 31st March 1909	84,481	8	513	0	*Vide* Statement **A.**
7,163	Grand Total Rs. ...	84,646	8	520	0	

MARKETS.

REPORT OF THE SUPERINTENDENT OF MARKETS AND SLAUGHTER HOUSES RECEIVED UNDER HIS No. 1035, DATED 7TH JUNE 1909.

SIR,

As directed in your Circular No. 162 of 2nd April, 1909, I have the honor to submit the Administration Report of the Markets and Slaughter Houses Establishment for the year 1908-1909 as under :—

2. The total amount of stallages from the different Municipal Markets recoverable every quarter or half-year, under the terms of Section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 49,715. During the currency of the year two new Markets one at Parbhadevi Road and the other at Elphinstone Road were opened, the first from 1st July 1908 and the second from 16th July 1908. The stallages rose to Rs. 51,277 at the end of July but at the close of the year it was reduced to Rs. 50,746, resulting in a decrease of Rs. 531 over the figure of July but showing the increase of Rs. 1,031 over the figure at the commencement of the year. The subjoined detailed statement will show how the decrease of Rs. 531 is distributed and what Markets are responsible for this decrease. It may be pointed out that the stalls in the two new Markets were sold at uncommonly high rents at the first auction but subsequently they were thrown up by their holders and when again put up to auction they brought in comparatively very low rentals.

Name of the Market.	Rent per quarter appearing at the opening of the year.	Rent per quarter appearing at the close of the year.	Increase.	Decrease.	Net Decrease.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba Market	356	389	33	...		
Fort Market	4,854	4,893	39	...		Half-yearly.
A. C. Fruit and Vegetable Market	15,594	15,746	152	...		
Do. Fish and Mutton Market	2,717	2,771	54	...		
Do. Mutton Market (new)	956	953	...			
Do. Beef Market	2,692	2,767	75	...		
Godowns	1,608	1,608	...	...		
Fowl Rooms	861	915	54	...		
Erskine Road Fruit & Vegetable Market (old).	6,900	6,890	...	10		
Do. do. do. do. (new).	2,514	2,519	5	...		
Do. do. Mutton Market ...	2,514	2,502	...	12		
Bhuleshwar Market	3,260	3,301	41	...		
Pedder Road do.	492	492	...	...		
Foras Road do.	385	265	...	120		
Pork do.	100	100	...	...		Yearly.
DeLisle Road Sheep Market	3,593	3,673	80	...		Half-yearly.
Fergusson Road Market	319	319	...	...		
Total ...	49,715	50,103	533	145		
Parbhadevi Road Market (Opened on 1-7-08).	697	196	...	501		
Elphinstone Road Market (Opened on 16-7-08)	865	447	...	418		
Grand Total ...	51,277	50,746	533	1,064	531	

3. The total amount of stall rents (exclusive of departmental Squatters' Fees and Squatters' Fees recovered from the contractors) collected during the year under report on the basis of scale shown above amounted to Rs. 1,59,623-0-6, against Rs. 1,56,995-12-10, in the previous year, showing an increase of Rs. 2,627-3-8. The increase in this head would have been still more but for the fact that the stalls in the two New Markets opened during the currency of the year brought in low rents when sold by auction on the second occasion. On the whole the increase is mainly due to many of the stalls in the various Markets which were lying vacant in the previous year being occupied at a higher rental as will be seen from the comparative statement given below :—

Name of the Markets.	Total number of stalls.	Average number of stalls vacant in each quarter during 1908-1909.	Average number of stalls vacant in each quarter during 1907-1908.	REMARKS.
	Rs.	Rs.	Rs	
Colaba Market	70	38	40	
Fort Market	266	81	68	Half-yearly.
A. C. Fruit and Vegetable Market...	566	49	46	
Do. Fish and Mutton Market	119	48	44	
Do. Beef Market	78	1	.....	
Do. Mutton Market (new)...	68	25	26	
Do. Godowns	28	.....	.....	
Do. Fowl Rooms	29	.....	.....	
Erskine Road Fruit and Vegetable Market (old)...	427	50	50	
Do. do. do. (new)..	128	66	61	
Do. do. Mutton Market	114	37	35	
Bhuleshwar Market	162	9	5	
Pedder Market	40	8	9	
Foras Road Market	80	.....	32	
Pork Market	2	....	.....	Yearly.
DeLisle Road (Sheep) Market	50	.....	.....	Half-yearly.
Fergusson Road Market	28	.....	.....	
Purbhadevi Road Market	26	7	.....	
Elphinstone Road Market	45	6	.....	
Total	2,326	425	410	

4. The following is an explanatory statement which will show in detail the difference in stall rents on account of the total or partial vacancy of stalls as also the subsequent alterations in stall rents owing to either rise or fall in the amounts of rents at the auction sale during the year under report contrasted with those in previous years :—

Names of Markets.	Annual rent recoverable as based on the quarterly rents or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Net Increase.	Net Decrease.	Actual amount recovered during the year (Total of columns 2, 6, and 7.)	REMARKS.
		Increase.	Decrease.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,424 0 0	267 8 7	147 4 8	734 2 11	.....	613 15 0	810 1 0	
Fort do.	9,551 0 0	14 5 0	.....	3,093 11 0	.....	3,079 6 0	6,471 10 0	
A. C. Fruit and Vegetable Market	62,376 0 0	730 4 10	14 5 1	4,956 0 3	.....	4,240 0 6	58,135 15 6	
A. C. Fish and Mutton Market	10,868 0 0	85 11 2	11 5 0	3,500 4 2	.....	3,425 14 0	7,442 2 0	
A. C. Mutton Market (new)	3,824 0 0	.....	4 9 8	1,385 3 4	.....	1,389 13 0	2,434 3 0	
A. C. Beef Market	10,768 0 0	31 4 0	.....	71 8 0	.....	40 4 0	10,727 12 0	
Godowns	6,432 0 0	.....	.....	.....	.....	.....	6,432 0 0	
Fowl Rooms	3,444 0 0	120 10 6	.....	4 1 6	116 9 0	.....	3,560 9 0	
Erskine Road Fruit and Vegetable Market (old) . ..	27,600 0 0	65 14 0	17 13 8	2,729 0 4	.....	2,681 0 0	24,919 0 0	
Do. do. (new)	10,056 0 0	10 0 0	.....	4,871 8 0	....	4,861 8 0	5,194 8 0	
Do. Mutton Market	10,056 0 0	.....	14 2 0	2,446 14 0	.....	2,461 0 0	7,595 0 0	
Bhuleshwar Market	13,040 0 0	200 15 6	60 1 9	810 5 9	.....	669 8 0	12,370 8 0	
Pedder do.	1,758 0 0	.....	.....	362 3 0	.....	362 3 0	1,395 13 0	
Foras Road do.	1,540 0 0	.....	399 9 4	141 6 8	.....	541 0 0	999 0 0	
Pork Market	100 0 0	.....	.....	.....	.....	....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	91 9 4	.....	29 15 4	61 10 0	...	7,247 10 0	
Parbhadevi Market	2,788 0 0	2,091 0 0	749 10 2	3,171 0 10	.....	1,829 11 0	958 5 0	
Elphinstone Road Market	3,460 0 0	2,624 0 8	615 10 10	3,915 5 10	.....	1,907 0 0	1,553 0 0	
Fergusson Road Market	1,276 0 0	.....	.....	.....	.....	.....	1,276 0 0	
Total for 1908-1909 ...	1,87,547 0 0	6,333 3 7	2,084 8 2	32,222 10 11	178 3 0	28,102 2 6	1,59,623 0 6	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,288 0 0	4 8 10	.....	715 4 10	.....	710 12 0	577 4 0	
Fort do.	9,521 0 0	15 0 0	.....	2,532 14 0	... ..	2,517 14 0	7,003 2 0	
A. C. Fruit and Vegetable Market	62,000 0 0	22 14 9	39 15 8	4,392 7 5	.....	4,409 8 4	57,590 7 8	
A. C. Fish and Mutton Market	10,860 0 0	53 0 0	6 8 0	3,222 12 4	.....	3,176 4 4	7,683 11 8	
A. C. Mutton Market (new)	3,824 0 0	.....	.....	1,426 1 0	.....	1,426 1 0	2,397 15 0	
A. C. Beef Market	10,768 0 0	.....	.....	.....	.....	.....	10,768 0 0	
Godowns...	6,432 0 0	.....	.....	.....	.....	... ..	6,432 0 0	
Fowl Rooms	3,444 0 0	.....	.....	.....	.....	.....	3,444 0 0	
Erskine Road Fruit and Vegetable Market (old)	27,580 0 0	123 3 6	29 15 4	2,869 11 9	.....	2,776 7 7	24,803 8 5	
Do. do. (new)	10,056 0 0	.....	.....	4,466 8 0	... ..	4,466 8 0	5,589 8 0	
Do. Mutton Market	10,056 0 0	.....	.....	2,278 3 0	.....	2,278 3 0	7,777 13 0	
Bhuleshwar Market	12,936 0 0	18 10 6	.....	449 11 1	.....	431 0 7	12,504 15 5	
Pedder do.	1,594 0 0	32 0 0	.....	390 7 4	.....	358 7 4	1,335 8 8	
Foras Road do.	1,540 0 0	21 12 0	.....	1,027 9 0	.....	1,005 13 0	534 3 0	
Pork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	.....	.....	.....	.....	.....	7,186 0 0	
Purbhadevi Market	.....	.....	.....	.....	.....	.....	.....	
Elphinstone Road Market	.....	.....	.....	.....	.....	.....	.....	
Fergusson Road Market	1,276 0 0	.....	.....	8 4 0	.....	8 4 0	1,267 12 0	
Total for 1907-1908 ...	1,80,561 0 0	291 1 7	76 7 0	23,779 13 9	.....	23,565 3 2	1,56,995 12 10	

5. The amount of stall rents in detail, during the year under report, contrasted with those in the previous four years is as under :—

Name of the Market.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	Difference as compared with 1907-08.		Remarks.
						Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	742 6 0	716 10 2	586 0 0	577 4 0	810 1 0	232 13 0	.....	
Fort Market	7,279 5 0	7,220 6 0	7,170 5 5	7,003 2 0	6,471 10 0	.....	531 8 0	
A. C. Fruit and Vegetable Market	59,373 10 5	58,403 9 4	57,986 15 10	57,590 7 8	58,135 15 6	545 7 10	.....	
A. C. Fish and Mutton Market	7,396 8 0	7,451 2 9	7,607 1 9	7,683 11 8	7,442 2 0	.....	241 9 8	
A. C. Mutton Market (new)	2,716 2 0	2,644 0 0	2,535 9 0	2,397 15 0	2,434 3 0	36 4 0	.....	
A. C. Beef Market	10,609 3 7	10,632 14 8	10,725 0 0	10,768 0 0	10,727 12 0	.....	40 4 0	
Godowns...	6,292 0 0	6,321 9 1	6,432 0 0	6,432 0 0	6,432 0 0	.....	.....	
Fowl Rooms	3,362 10 10	3,384 0 0	3,420 0 7	3,444 0 0	3,560 9 0	116 9 0	.....	
Erskine Road Fruit and Vegetable Market (old)	27,779 1 4	24,691 4 5	24,727 2 2	24,803 8 5	24,919 0 0	115 7 7	.....	
Do. do. (new)	5,656 13 0	5,399 14 3	5,432 8 0	5,589 8 0	5,194 8 0	.....	395 0 0	
Erskine Road Mutton Market	7,697 9 0	7,913 8 0	7,672 2 0	7,777 13 0	7,595 0 0	.....	182 13 0	
Bhuleshwar Market	11,386 3 4	11,968 12 10	12,451 4 10	12,504 15 5	12,370 8 0	.....	134 7 5	
Pedder Market	1,351 14 0	1,313 10 8	1,283 0 0	1,335 8 8	1,395 13 0	60 4 4	.....	
Foras Road Market	318 0 0	368 4 0	428 8 0	534 3 0	999 0 0	464 13 0	.....	
Pork Market	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market	7,186 0 0	7,186 0 0	7,186 0 0	7,186 0 0	7,247 10 0	61 10 0	.....	
Parbhadevi Market	.....	.....	.....	.....	958 5 0	958 5 0	.....	
Elphinstone Road Market	.....	. .	.....	.....	1,553 0 0	1,553 0 0	.....	
Fergusson Road Market	1,068 12 8	1,121 1 6	1,186 0 0	1,267 12 0	1,276 0 0	8 4 0	.....	
Total ...	1,57,316 3 2	1,56,836 11 8	1,56,929 9 7	1,56,995 12 10	1,59,623 0 6	4,152 13 9	1,525 10 1	
Increase over preceding year's rent	3,595 14 8	.....	92 13 11	66 3 3	2,627 3 8	... ..	.....	
Decrease do. do.	.....	479 6	.....	.....	.....	... .	.....	

6. The Squatters' Fees from Municipal Fish Markets, Scale Fees in the Crawford Market Compound, and the Fair Ground Rent and Feeding Fees at the Bandora Slaughter Houses recovered from the Contractors during the year under report, amounted to Rs. 1,17,675 against Rs. 1,29,050 in the previous year, showing a decrease of Rs. 11,375. These rights, as is annually done, were put up to auction except in the case of the Foras Road Market, the fees of which were collected departmentally, as the same is to be closed and the sale was approved of by the Standing Committee. In the following statement are contrasted in detail the fees recovered from the different Contractors during the year under report with those in the previous four years :—

Particulars.	1904-1905.	1905-1906.	1906-1907.	1907-1908.	1908-1909.	Differences as compared with 1907-1908.	
						Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Fort Market	1,950	1,900	1,925	1,950	1,950	.....	.....
A. C. Beef and Fish Markets. ...	8,510	8,200	8,875	9,500	9,000	.....	500
Erskine Road Fish Market ...	18,200	17,600	18,525	18,700	19,100	400	.....
Pedder Road Market	1,600	1,720	1,750	1,675	1,600	.....	75
Foras Road Market	Fees collected departmentally						
Colaba Market	875	1,060	900	1,175	1,000	.....	175
Fergusson Road Market	1,105	1,505	1,900	1,650	1,550	.....	100
Parbhadevi Road Market... ...	.....	.....	.....	.....	750	750	(1-7-08 to 31-3-09)
Elphinstone Road Market ...	.....	.....	.....	.....	625	625	(16-7-08 to 31-3-09)
Total Squatters' Fees ...	32,240	31,985	33,875	34,650	35,575	1,775	850
Scale Fees at the A. C. Market Compound	5,100	4,500	5,125	6,400	6,100	.....	300
Fair Ground Rent and Feeding Fees at Bandora	76,100	80,000	78,300	88,000	76,000	.....	12,000
GRAND TOTAL... ...	1,13,440	1,16,485	1,17,300	1,29,050	1,17,675	400	13,150
Increase over preceding year's amount	.....	3,045	815	11,750	.....	.....	.....
Decrease over preceding year's amount	6,095	.....	.....	.....	11,375	.....	.....

7. The Squatters' Fees collected departmentally in the several Municipal Markets during the year under report amounted to Rs. 6,693-12-9 against Rs. 5,863-6-0 in the previous year, showing an increase of Rs. 830-6-9. This is due to greater number of squatters having been allowed to occupy places under the eaves of the Markets during the year under report and to many squatters getting accommodation in the two new Markets opened during the year. In the following statement are contrasted the fees recovered during the year under report with those in the previous year :—

Name of Market.	1908-1909.	1907-1908.	Difference.		REMARKS.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	48 3 0	33 3 0	15 0 0	.....	
Fort Market	1,124 15 6	1,058 7 0	66 8 6	.....	
A. C. Fruit and Vegetable Market ...	119 15 0	154 5 9	.....	34 6 9	
Erskine Road Old Fruit and Vegetable Market	2,384 5 0	2,371 12 6	12 8 6	.....	
Bhuleshwar Market	1,280 15 3	1,250 12 6	30 2 9	.....	
Pedder Road Market	.....	0 8 0	.....	0 8 0	
Foras Road Market	412 13 0	169 15 3	242 13 9	.....	
Furgusson Road Market	842 11 9	824 6 0	18 5 9	.....	
Purbhadevi Market	347 8 0	.....	*347 8 0	.....	*New Markets opened during the year.
Elphinstone Road Market	132 6 3	.....	*132 6 3	.....	
Total ...	6,693 12 9	5,863 6 0	865 5 6	34 14 9	

8. For ready reference, the total receipts from each Market (that is, Stall Rents, Squatters' Fees collected departmentally and Squatters' Fees from the Contractors added together) during the year under report have been shown in the following statement :—

Name of the Market.	Stall Rents.	Squatters' Fees collected departmentally.	Squatters' Fees collected from Contractors.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	810 1 0	48 3 0	1,000 0 0	1,858 4 0
	810 1 0	48 3 0	1,000 0 0	1,858 4 0
Fort Market	6,471 10 0	1,124 15 6	1,950 0 0	9,546 9 6
	6,471 10 0	1,124 15 6	1,950 0 0	9,546 9 6
A. C. Fruit and Vegetable Market... ...	58,135 15 6	119 15 0	.....	58,255 14 6
Do. Fish and Mutton Market	7,442 2 0	.....	9,000 0 0	16,442 2 0
Do. Mutton Market (new)	2,434 3 0	.....	.....	2,434 3 0
Do. Beef Market	10,727 12 0	.....	.....	10,727 12 0
Do. Market Scale Fees	.....	.....	6,100 0 0	6,100 0 0
Godowns	6,432 0 0	.....	.....	6,432 0 0
Fowl Rooms	3,560 9 0	.....	.....	3,560 9 0
	88,732 9 6	119 15 0	15,100 0 0	1,03,952 8 6
Erskine Road Fruit & Vegetable Market (old.)	24,919 0 0	2,384 5 0	.....	27,303 5 0
Do. do. do. (new)	5,194 8 0	.....	.....	5,194 8 0
Do. Mutton Market	7,595 0 0	.....	.....	7,595 0 0
Do. Fish Market...	.....	.....	19,100 0 0	19,100 0 0
	37,708 8 0	2,384 5 0	19,100 0 0	59,192 13 0
Bhuleshwar Market	12,370 8 0	1,280 15 3	.....	13,651 7 3
Pedder Road Market	1,395 13 0	.....	1,600 0 0	2,995 13 0
Foras Road Market	999 0 0	412 13 0	.....	1,411 13 0
Pork Market	100 0 0	.....	.....	100 0 0
DeLisle Road Sheep Market	7,247 10 0	.....	.....	7,247 10 0
Fergusson Road Market	1,276 0 0	842 11 9	1,550 0 0	3,668 11 9
Purbhadevi New Market	958 5 0	347 8 0	750 0 0	2,055 13 0
Elphinstone Road Market	1,553 0 0	132 6 3	625 0 0	2,310 6 3
GRAND TOTAL ...	1,59,623 0 6	6,693 12 9	41,675 0 0	2,07,991 13 3
GRAND TOTAL FOR 1907-08 ...	1,56,995 12 10	5,863 6 0	41,050 0 0	2,03,909 2 10

9. The revenue from other sources, comprising the following heads was Rs. 4,521-8-0 during the year under report against Rs. 1,614-3-6 in the previous year, showing an increase of Rs. 2,907-4-6 as detailed against each head in the following statement :—

Particulars.	1908-09.	1907-08.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Verifying weights and measures	1,511 1 6	1,433 5 6	77 12 0	.....	Net Increase Rs. 2,907-4-6.
Garden produce	5 0 0	17 8 0	.....	12 8 0	
Prices current	90 13 6	83 13 0	7 0 6	.....	
Sale proceeds of meat or animals seized under Section 412	59 8 0	12 10 0	46 14 0	.....	
Sale proceeds of manure	31 8 0	44 0 0	.....	12 8 0	
Recovery of gas	.....	15 0 0	.....	15 0 0	
Fees for producing office records	5 0 0	5 0 0	.....	.....	
Ground Rent in the Fort Market Compound, recovered from Mr. Framji S. Shroff	0 1 0	0 1 0	.....	.....	
Fees for issuing duplicate copy of S. Houses permit ...	1 4 0	2 8 0	.....	1 4 0	
Sale of copies of Market Bye-laws	0 6 0	0 6 0	.....	.....	
Sale of wood of trees in the compound of C. Market ..	8 0 0	.....	8 0 0	.....	
Sale of a sheep skin seized	1 0 0	.....	1 0 0	.....	
Fine from stall holders for not paying rent by due dates	2,807 14 0	.....	2,807 14 0	.....	
Total ...	4,521 8 0	1,614 3 6	2,948 8 0	41 4 0	

Slaughter Fees, Butchers' License Fees, etc.

10. The total collections under these heads amounted to Rs. 1,87,942-3-0 during the year under report against Rs. 1,85,709-3-0 in the previous year showing an increase of Rs. 2,233 as contrasted in the following statement :—

Particulars.	1908-09.	1907-08.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Slaughter Fees	1,70,944 11 0	1,64,750 3 0	6,194 8 0	.....	Net increase Rs. 2,223.
License Fees	14,296 0 0	14,978 0 6	.....	682 0 0	
Carriage of Meat from Commissariat Contractor	.....	48 0 0	.....	48 0 0	
Ground Rent	132 0 0	135 0 0	.....	3 0 0	
Chawl Rent	1,324 8 0	1,888 0 0	.....	563 8 0	
Total ...	1,86,697 3 0	1,81,709 3 0	.....	.....	
Rent for a portion of Commissariat building	465 0 0	3,055 0 0	.....	2,590 0 0	
Proceeds of blood from the Contractor	780 0 0	865 0 0	.....	85 0 0	
Total ...	1,245 0 0	3,910 0 0	.....	.....	
Grand Total ...	1,87,942 3 0	1,85,709 3 0	6,194 8 0	3,971 8 0	

11. It will be seen from the above that the chief item of increase is under the head of slaughter fees. It amounts to Rs. 6,194-8-0. This is due to greater number of horned cattle and pigs having been slaughtered for disposal in the markets during the year under report as will be seen from the comparative statement given below :—

Description of animals.	Number slaughtered in 1908-09.	Number slaughtered in 1907-08.	Increase.	Decrease.
Buffaloes	3,842	2,889	953	.....
Cows, Bullocks and Calves	45,411	44,414	997	.....
Sheep and Goats	6,74,020	6,89,508	.....	15,488
Pigs slaughtered at Sonapoor Pork Slaughter House .	568	478	90	.....

Out of the number of cows, bullocks and calves slaughtered, 21 carcasses were found cystic or diseased against 36 carcasses in the previous year and had to be condemned. The principal items of decrease are—(1) chawl rent, and (2) rent for Commissariat buildings. As regards (1) some of the chawls had been vacated and are under reconstruction. As regards (2) the Commissariat Department having made other arrangements for the transport of their meat to Bombay, have vacated the buildings at Bandora.

12. The right of utilising blood produced at the Bandora Abattoirs was allowed to be worked by Messrs. Croft, Mody and Company, for one year on a monthly payment of Rs. 65 as a temporary measure pending the use of the lethal chambers which had been almost completed.

13. The several foregoing statements will show that the total receipts under all the heads mentioned therein amounted to Rs. 4,76,558-8-3 during the year under report against Rs. 4,81,737-13-1 during the previous year showing a decrease of Rs. 5,179-4-10. This result might at first sight appear disappointing but it may be pointed out here that the right of fair ground and feeding fees at Bandora was sold for Rs. 12,000 less than in the previous year.

The other sources of revenue have made good half of this shortage and the net decrease has been only Rs. 5,179-4-10.

14. During the year under report 3,855 buffaloes, 48,174 horned cattle and 750,531 sheep and goats were brought to the Bandora Fair Ground for examination and disposal, out of which number, 10 buffaloes, 2,380 horned cattle, and 34,204 sheep and goats were found unfit for slaughter on inspection and were consequently rejected; *vide* the following comparative statement. The remainder were either slaughtered for the markets or were otherwise disposed of, the details of which are shown in Appendix A :—

Year.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheep and goats.	Buffaloes.	Horned cattle.	Sheep and goats.
1908-09 ...	3,855	48,174	750,531	10	2,380	34,204
1907-08 ...	2,912	48,592	766,756	2	2,017	30,391

15. The fines inflicted by the Presidency Magistrates for the infringement of the provisions of the Municipal Act and the Bye-laws pertaining to the Markets and Slaughter Houses amounted to Rs. 1,017 during the year under report, against Rs. 2,457 in the previous year as detailed below :—

Year.	Section 403 (*b*).	Section 411 (*a*).	Section 411 (*b*).	Section 412 (*1*).	By-laws Chapter II, Clause 3.	Total.
1908-1909	...	25	...	962	30	1,017
1907-1908	2	150	80	2,225	...	2,457

Suppression of the traffic in illicit import of contraband meat.

16. The special staff appointed by the Corporation from 1st December 1907, on the above work did excellent work during the year under report. They seized 110,997 lbs. of Coorla beef during the year and instituted 42 prosecutions resulting in a fine of Rs. 1,017. The provisions of the Act in the matter of contraband meat are not as strict as are required, it is contemplated to revise these provisions so as to empower the Railway authorities to co-operate with us in this matter and to make the offences punishable under the Penal Code. When this is done, the contraband meat traffic will be still more successfully brought under control. Simultaneously with the amendment of the provisions of the Act, there is under the consideration of Government the proposal of the Coorla Municipality to raise the slaughter fee for buffaloes from annas 6 to Rs. 5 per head and when this is done, the natural result, will be, that less animals will be slaughtered at Coorla, and the contrabandists will find it more difficult to carry on their trade.

17. The quantity of unwholesome food, particularly meat and fish destroyed during the year under report as unfit for human consumption under the provisions of Sections 415 and 416 of the Act, was 213,240 lbs. against 202 142 lbs. in the previous year. Out of the above quantity 110,997 lbs., of meat were seized and destroyed by the Assistant to the Superintendent and his staff.

18. The beef and mutton supply during the year under report was fairly good; and the fruit and vegetable supply was as usual up to mark. Attempts, were made by certain ill-disposed persons and mischief mongers to stop the food supply by compelling the stall-holders of all the Markets to close their shops at the time of the riots last year but as the Commissioner is aware, these attempts were successfully baffled and the food supply was uninterrupted at that critical period.

I have the honour to be,

SIR,

Your most obedient Servant,

DOUGLAS BENNETT,

Superintendent of Markets.

APPENDIX A.

STATEMENT showing the number of animals slaughtered and removed for private slaughter, &c., during the year 1908-1909.

Description of animals.	Months.												Total number of animals slaughtered.	Total amount of slaughter fees.	Remarks.
	April 1908.	May 1908.	June 1908.	July 1908.	August 1908.	Sept. 1908.	Oct. 1908.	Nov. 1908.	Dec. 1908.	Jan. 1909.	Feb. 1909.	Mar. 1909.		Rs. a. p.	
Buffaloes	248	285	361	451	436	381	289	346	307	245	273	220	3,842	38,420 0 0	
Cows	4,021	3,974	3,714	3,749	3,388	3,095	2,854	3,035	3,655	4,132	3,343	3,770	42,760	32,070 0 0	
Bullocks	...	...	...	...	...	237	477	354	345	269	323	484	2,480	1,860 0 0	
Calves	5	...	.	...	...	56	25	28	29	21	...	7	171	128 4 0	
Sheep, Goats, &c., for Bombay	50,236	54,125	50,930	51,710	51,615	54,249	51,855	50,011	54,388	55,234	48,750	54,668	627,771	78,471 6 0	
Do. Mahim	2,332	2,578	2,338	2,279	1,657	2,079	1,741	1,733	2,777	2,182	1,772	2,133	25,601	1,600 1 0	
Do. Bandora	1,569	1,820	1,721	1,646	1,609	1,782	1,641	1,688	1,918	1,872	1,633	1,749	20,648	1,290 8 0	
Horned Cattle slaughtered by Commissariat	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	
Sheep, Goats, &c., slaughtered by Commissariat	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	
Pigs slaughtered at Sonapur	43 **5**	39 **3**	32 **11**	38 **14**	37 **6**	38 **9**	38 **5**	35 **6**	49 **23**	43 **4**	43 **13**	34 ...	469 **99**	469 0 0 **198 0 0**	
Lived Horned Cattle brought to Bombay.	5	...	2	6	3	...	...	14	6	3	1	2	42	210 0 0	
Live Sheep, Goats, &c., brought to Bombay	273 **16**	239 **9**	178 **12**	302 **30**	174 **6**	258 **6**	347 **19**	280 **20**	441 **22**	1,050 **12**	144 **5**	430 **4**	4,116 **161**	2,058 0 0 **80 8 0**	
Live Sheep, Goats, &c., removed by DeLisle Road Market Fadkarees ...	1,727	2,386	1,969	3,558	1,243	2,253	1,930	1,911	4,143	2,076	1,565	3,413	28,174	14,087 0 0	
											Total Slaughter Fees Rs. ...			1,70,942 11 0	

The figures in block type show the number of animals slaughtered in Bombay by private individuals within the meaning of Section 403 (2) (c) of the Act.

EDUCATIONAL.

REPORT OF THE SCHOOLS COMMITTEE, FORWARDED BY THE COMMITTEE'S SECRETARY UNDER HIS No. 628, DATED 26TH MAY 1909.

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 10*th May* 1909.

REPORT ON THE ADMINISTRATION OF THE SCHOOLS COMMITTEE FOR THE YEAR 1908-1909.

AT the commencement of the year the Joint Schools Committee consisted of the following members :—

Appointed by Government.	*Appointed by the Corporation.*
KHAN BAHADUR D. R. CHICHGUR.	RAO BAHADUR DHAKJI CASSINATHJI.
NANU N. KHOTHARE, ESQ.	KAZI KABIRUDDIN, ESQ. BAR-AT-LAW.
J. N. FRASER, ESQ., M.A.	JAMES MACDONALD, ESQ.
THE HON. MR. C. H. SETALVAD, B.A., LL.B.	NARAYEN V. MANDLIK, ESQ.

The two senior members, who retired under Section 39 (3) of the Bombay Municipal Act, were Khan Bahadur D. R. Chichgur and Rao Bahadur Dhakji Kassinathji. They were both reappointed by the Government and the Corporation, respectively.

The Hon. Mr. C. H. Setalvad was re-elected Chairman of the Committee for the year 1909.

Constitution of the Committee.

Under the Bombay Police Charges Act, the entire charge for maintenance of Primary Education in the city has devolved upon the Municipality since the commencement of the year under report. But the other provisions of the Act relating to the change made in the constitution of the Committee were not brought into operation till the close of the year. By virtue of this change the Committee ceased to be a joint concern, as between the Government and the Corporation, and a new Committee, designated as Schools Committee, composed entirely of representatives of the Corporation, was constituted as under, from 1st March 1909 :—

Names.

THE HON. MR. C. H. SETALVAD, B.A. LL.B.	JAMES MACDONALD, ESQ.
THE HON. MR. IBRAHIM RAHIMTOOLA, C.I.E.	RAO BAHADUR DHAKJI CASSINATHJI.
KHAN BAHADUR D. R. CHICHGUR.	KAZI KABIRUDDIN, ESQ. BAR-AT-LAW.
D. E. WACHA, ESQ.	N. V. MANDLIK, ESQ. B.A. LL.B.

The Secretary and clerks forming the Committee's office, as well as the school establishment and the Superintending Staff, were reappointed to meet the technical requirements of the new Law. It was understood that their formal reappointment did not in any way affect their pay, or past service, or pensionary rights.

When the Committee was thus reconstituted, the Hon. Mr. C. H. Setalvad was unanimously appointed Chairman, on the motion of Mr. James MacDonald, who expressed, on behalf of the old Committee, his high sense of the service rendered to it by Mr. Setalvad, as Chairman.

Finance.

The year opened with a balance of Rs. 1,01,684. The receipts from all sources amounted to Rs. 2,19,686, against Rs. 2,29,058 for the previous year. The larger income in 1907-1908 was mainly on account of the building grant of Rs. 8,000 made by Government to the S. S. Bengalee Girls' School.

The total expenditure amounted to Rs. 2,54,888, against Rs. 2,33,134 in the foregoing year. The increase of Rs. 21,754 was mainly in consequence of the payment of grain and plague allowance to teachers, the employment of additional teachers, and an appreciable increase in the rent paid for school premises. The year closed with a balance of Rs. 66,482.

The average cost per pupil was Rs. 21·5, which, curiously enough, is exactly the same as that for the preceding year, and it was distributed as under :—

	Rs.
Teaching	12·8
Rent	5·7
Miscellaneous...	3
Total Rs. ...	21·5

For the purpose of comparision, it must be stated that the total number of pupils in the Municipal Schools, during the year under report, was 848 more than that of the previous year, and the expenditure was thus distributed over a larger number. On the total attendance of last year, the propotion will work out to nearly Rs. 2 more per head.

Municipal Schools.

The subjoined table gives a summary of the total number of Municipal Schools of all descriptions, with the total attendance thereat, for the past two years :—

Class of Schools.	Municipal.			
	1907-1908.		1908-1909.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
Day Schools—				
Middle Schools	3	174	3	194
Primary for boys	35	3,816	35	4,204
Do. for girls	12	805	12	834
Total of Marathi Schools ...	50	4,795	50	5,232
GUJERATI.				
Day Schools—				
Middle Schools	1	62	1	56
Primary for boys	15	1,713	15	1,789
Do. for girls	8	831	8	1,037
Total of Gujerati Schools ..	24	2,606	24	2,882
URDOO.				
Day Schools—				
Middle Schools	...	...	...	...
Primary for boys	22	1,685	22	1,832
Do. for girls	3	292	3	269
Total ...	25	1,977	25	2,101
Night Schools	3	88	3	99
Total of Urdoo Schools ...	28	2,065	28	2,200
Grand Total of Marathi, Gujerati, and Urdoo Schools ...	102	9,466	102	10,314

Although the number of schools was the same, there was a rise of 848 in the attendance. But for the plague, which affected the attendance in many schools, the total increase would have been much higher. The general progress of the schools was satisfactory on the whole.

Efforts were directed, during the year, towards developing the existing schools, and improving their efficiency. The teaching staff in many schools was strengthened, and trained teachers, whenever possible, were employed. A few select teachers were deputed to the Training Colleges of Poona and Ahmedabad for a special course. The class opened by the Committee to prepare Mahomedan students for the Vernacular Final Examination, in order that they may be qualified for admission to the Training College, is doing satisfactory

work. Each student is paid a monthly scholarship of Rs. 8. Out of 7 candidates sent for the Vernacular Final Examination 5 were successful and out of these 3 were admitted to the Training College. In this way the Committee expect to secure a fair proportion of trained teachers in Urdoo Schools, where they are a great desideratum at present.

The scholarships instituted by the Committee as an encouragement to pupils to continuein school for the higher vernacular course, and awarded on the result of a competitive examination are well appreciated, and have had the desired effect.

Harmoniums are supplied to Marathi and Gujarati schools for girls, and the instruction given there by special teachers in singing is much appreciated.

School Buildings.

The Committee are glad to observe that the school building scheme, for which a loan of ten lakhs is to be provided by the Government and the Corporation in equal shares, is progressing very fairly, and suitable sites have been selected for providing buildings for about 8 schools. It is fully expected that in a year or two, quite a number of primary schools will be housed in model buildings.

Meanwhile, the Committee have been doing all they can to secure suitable accommodation for their schools in hired buildings. The following schools were removed to new premises during the year :—

Dharavi school	(Urdoo)
Byculla ,,	(,,)
Mahim ,,	(,,)
Mahim ,,	(Gujerati)
Fort No. II school	(Gujerati)
Parel school	(,,)

Additional accommodation was provided for the Lower Mahim, Worli, Currey Road and Khetwady Marathi schools, as well as for the Chatrisarang Urdoo School.

The Government having contributed Rs. 8,000 towards the S. S. Bengalee Girls' School Building, an additional floor was constructed, in order to meet its requirements.

Aided Schools.

The following table shows the number of the Aided schools, with the attendance thereat, as contrasted with the figures for the preceding year :—

Class of Schools.	Aided.			
	1907-1908.		1908-1909.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
Day Schools—				
Primary for boys	37	3,681	37	3,721
Do. for girls	14	1,384	16	1,486
	51	5,065	53	5,207
Night Schools	14	216	18	361
Total of Marathi Schools ...	65	5,281	71	5,568
GUJERATI.				
Day Schools—				
Primary for boys	25	2,941	25	3,199
Do. for girls	11	1,098	14	2,051
Total of Gujerati Schools ...	36	4,039	39	5,250
URDOO.				
Day Schools—				
Primary for boys	2	332	2	320
Do. for girls	...	...	...	...
Total of Urdoo Schools ...	2	332	2	320
Grand Total of Marathi, Gujerati, and Urdoo Schools ...	103	9,652	112	11,138

Three schools being closed, were removed from the list, while twelve new schools were added during the year. There was thus a net increase of nine schools over the total for the past year. The aggregate number of pupils shows an increase of 1,486, the total amount paid as grant-in-aid was Rs. 32,834, against Rs. 29,310 for the year 1907-1908.

Death of Teachers.

The Committee regret to record the death of seven teachers during the year, two being head masters, Mr. Nagarji Jeevanji, Head Master, Null Bazar School, and Mr. Revadas Luxmidas, Head Master, Fort School No. 1. Mr. Nagarji did good work as an experienced and intelligent teacher.

Donations.

The Committee are glad to notice a number of donations received during the year under report. Mr. N. S. Bengalee gave Rs. 1,000 to be invested in 4 per cent. Port Trust Bonds, for giving annually out of the interest, two prizes to the best pupils in the S. S. Bengalee Girls' School. He also gave a sum of Rs. 100, on the anniversary of his mother's death, for giving prizes in the same school.

Mr. N. V. Mandlik, Executor Rehatsek Estate, repeated his donation of Rs. 350 to be given away as money prizes to pupils attending Municipal Schools.

Bai Khanubai Noormahomed J. Peerbhoy gave Rs. 100 for prizes to pupils in the Jairajbhoy Peerbhoy Girls' School.

Mr. Fazalbhoy Curimbhoy Ibrahim made two donations of Rs. 50 each for supplementing the stipend paid by the Committee to the Mahomedan students under preparation for the Vernacular Final Examination.

Rao Bahadur Chunilal H. Setalvad gave Rs. 25 for prizes in the Girgaum Gujerati Girls' School, and Dr. Rajabali Visram Rs. 10 to be awarded to the best singer in any of the Girls' Schools.

Mr. R. P. Masani presented one hundred copies of his book on "Home and School Education" for distribution in school libraries and among teachers.

Presents of books, articles of clothing and minor sums of money were also received from Messrs. Shaikh Ahmed Munshi, Hiralal R. Munim, Manaji Rajuji Kalewar, Shivji Linguji, and Balkrishna B. Nakhwa.

Scholarships.

One of the Mary Carpenter Scholarships, awarded on the result of competitive examination, was won by a pupil of the S. S. Bengalee Girls' School, and another by a pupil of the Kalbadevi Girls' School.

Race of Pupils.

The Number of pupils in the Municipal and Aided Schools, according to race, was as under :—

Race.	1907-1908.			1908-1909.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
Europeans and Eurasians	...	...	...	...	1	1
Portuguese and Native Christians	61	255	316	58	344	402
Hindoos	6,827	6,064	12,891	7,518	6,455	13,973
Mahomedans	2,321	991	3,312	2,471	1,031	3,502
Buddhists	...	...	...	...	...	...
Parsis	182	1,921	2,103	201	2,867	3,068
Others	75	421	496	66	440	506
Total ...	9,466	9,652	19,118	10,314	11,138	21,452

N. B. MASANI,

Secretary, Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of the "School Fund" for the year 1908-1909.

Receipts.	Amount.	Expenditure.	Amount.
	Rs. a. p.	A.—SCHOOLS.	Rs. a. p.
1. Balance on the 1st of April 1908	1,01,684 0 3	1. Head Masters and Teachers	1,32,246 13 2
		2. Servants	3,684 3 8
2. Government Grant to Primary Education and Inspection	.....	3. Rent	58,421 15 8
		4. Cost of Class Books	416 8 6
		5. School Furniture	2,559 4 0
3. Fees from Municipal Schools	20,395 2 0	6. Prizes	2,968 12 0
		7. Contingencies and Miscellaneous	7,757 0 11
4. Contribution from the General Municipal Fund	1,97,804 0 0	8. Scholarships in Schools	369 0 0
		9. Stipends of Students under Training as Vernacular Teachers	2,354 7 3
5. Government Grants-in-Aid towards Buildings.	.....	10. Superintendent's Establishment	9,474 14 9
		11. Grants-in-Aid to Primary Schools	32,834 0 0
6. Interest on Endowments or Investments ...	1,227 12 8	12. Library and Museum	1,145 15 0
		13. Play Ground at Municipal Schools	.....
7. Miscellaneous	259 8 6		
		B.—BUILDINGS.	
		1. Municipal Original Works	.....
		2. Repairs to Municipal School Houses ...	655 6 7
		Balance on 31st March 1909	66,482 1 11
Total Rupees ...	3,21,370 7 5	Total Rupees ...	3,21,370 7 5

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 10*th May* 1909.

N. B. MASANI,
Secretary, Schools Committee.

Appendix B.

Balance Sheet of the "School Fund" for the year 1908-1909.

LIABILITIES.	Rs. a. p.	ASSETS.	Rs. a. p.
To Deposit Account	10 0 0	By Advance on account of Bengalee Girls' School Building	12,368 14 0
„ Hurkisondas Brijlal Prize Fund— Principal ... ... Rs. 500 0 0; Interest ... ... „ 25 9 10	525 9 10	„ Bank of Bombay, Government, &c., Paper Deposit Account	4,000 0 0
„ Dr. Blaney Prize Fund— Principal ... ... „ 1,000 0 0; Interest ... ... „ 57 4 3	1,057 4 3	„ Bank of Bombay Surplus Cash, Government, &c., Paper Deposit Account	38,631 4 0
„ Madhowdas Rugnathdas Prize Fund— Principal ... ... Rs. 500 0 0; Interest ... ... „ 26 4 4	526 4 4	„ Advance Account— To the Secretary ... Rs. 15 0 0; „ the Superintendent „ 50 0 0	65 0 0
„ Jivkore Lallubhai Scholarship, &c., Fund— Principal ... ... Rs. 1,000 0 0; Interest ... ... „ 89 14 0	1,089 14 0	„ Advances Miscellaneous	30 0 0
„ Bachoobai S. Bengali Prize Fund— Principal ... ... Rs. 1,000 0 0; Interest ... ... „ 19 8 2	1,019 8 2	„ Actual Cash Balance on 31st March 1909— In the Bank of Bombay	16,115 8 6
„ Rehatsek Prize Donation	350 0 0		
„ Donation for Training Urdoo Teachers ...	50 0 0		
„ N. S. Bengalee Donation	100 0 0		
„ Income and Expenditure Account— Balance on 31st March 1909	66,482 1 11		
Total Rupees ...	71,210 10 6	Total Rupees ...	71,210 10 6

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 10*th May* 1909.

N. B. MASANI,
Secretary, Schools Committee.

From

The Municipal Auditors,

BOMBAY.

To

The Municipal Secretary,

BOMBAY.

SIR,

WE have the honour to forward herewith the Auditors' report on the Municipal Accounts for the year 1908-1909 in view to the same being printed and submitted to the Corporation as usual.

We have the honour to be,

SIR,

Your most obedient servants,

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

BOMBAY, *2nd August* 1909.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1908-1909.

For the audit of the accounts under review, Messrs. B. B. Desai and S T. Thakur were appointed to be Auditors, as per Corporation Resolution Nos. 7744 and 8138, dated the 9th and 19th March 1908, respectively.

2. As usual, all vouchers and papers, relating to both receipts and disbursements for the year 1908 09, have been examined with the Day Books and the Subsidiary Ledgers or classified abstracts of Receipts and Charges; the postings in the General Ledger have also been checked with the entries in the Day Books and those in the Journal with the Subsidiary and General Ledgers.

3. The weekly statements of Receipts and Charges of the Municipal Fund were examined, as they were prepared, prior to their publication in the Bombay Government Gazette.

4. The number of vouchers relating to the accounts of the year under review compare with those of the previous year as follows :—

	1907-1908.	1908-1909.
Receipt vouchers...	31,123	36,100
Disbursement vouchers	81,189	84,478
	112,312	120,578
	+ 8,266	

There is on the whole an increase of 8,266 in the number of vouchers in the year under report. Ten years ago, *i.e.*, in the year 1898-1899 the total number of vouchers examined by the Auditors was 79,837 which is smaller by 40,741 than that of the year under review.

5. The results of the year compared with the Budget, Revised, and the Actuals of the previous year has been summarized below :—

	Accounts 1907-08.	1908-09.		
		Budget.	Revised.	Accounts.
	Rs.	Rs.	Rs.	Rs.
Revenue and Receipts	98,89,325	97,79,000	1,01,39,000	1,02,86,048
Expenditure	1,01,89,201	*1,00,80,681	† 1,15,21,022	1,06,30,126
Surplus	.....	.....	.....	.....
Deficit ...	2,99,876	3,01,681	13,82,022	3,44,078

* The Budget grant for expenditure has been reduced by Rs. 2,972 *vide* Standing Committee's Resolution No. 8342, dated 25th March 1908.

† The Revised grant for expenditure includes additions aggregating Rs. 26,278, sanctioned by the Corporation, after the Revised Estimate was approved.

6. The total receipts during the year under report were more than those of the previous year by Rs. 3,96,723. The actuals were also better than the Budget and the Revised by Rs. 5,07,048 and Rs. 1,47,048 respectively. When compared with the actuals of the previous year there are increases mainly under General, Water, Halalkhor and Wheel Taxes, and Miscellaneous Receipts. The reasons for the variations have been given in the report of the Chief Accountant.

7. The total expenditure from the Municipal Fund amounted to Rs. 1,06,30,126 against Rs. 1,01,89,201 in the previous year, resulting in an increase of Rs. 4,40,925. The actuals were worse than the Budget by Rs. 5,49,445 and were better than the Revised by Rs. 8,90,896. When compared with the actuals of the previous year there was increased expenditure mainly under Assessment and Collection Department, Public Gardens, Public Works (Engineers) Department, New Works, Public Health Department, Education, Hospitals, Contribution to the City Improvement Trust, Plague Charges and Debt.

8. When the Budget was framed it was anticipated that the year would close with a deficit of Rs. 3,01,681. This deficit was increased to Rs. 13,82,022 in the Revised Estimate. The actuals have, however, resulted in a larger deficit of Rs. 3,44,078 against the deficit of Rs. 2,99,876 in the year 1907-1908.

9. The opening Cash Balance on the 1st April 1908 was Rs. 2,05,723-4-3. This together with the total receipts of the year (inclusive of Debt, Deposits, Advances, &c.) amounted to Rs. 3,98,76,066-9-11. The gross payments amounted to Rs. 3,87,90,407-11-3, thus leaving a balance of Rs. 10,85,658-14-8 on the 31st March 1909.

10. The Surplus Funds Investments on the 31st March 1909, amounted to Rs. 16,26,046-6-11 as per following details against Rs. 28,05,700-4-11 on the same date last year :—

	Rs.	a.	p.
In Government, &c., Paper with the Bank of Bombay (face value Rs. 11,08,400)	10,44,669	2	0
In Current Account with the following Banks :—	Rs.	a.	p.
The Hongkong and Shanghai Banking Corporation	2,55,309	12	7
The Chartered Bank of India Australia and China...	958	0	2
The Comptoir National de Escompte de Paris	1,137	4	9
The National Bank of India, Limited	13,466	6	10
The Mercantile Bank of India, Limited	6,778	3	2
The Yokohama Specie Bank, Limited	928	12	6
The Bank of India, Limited	2,798	12	11
Total...Rs.	2,81,377	4	11
In fixed Deposit with the Bank of India, Limited ... ... Rs.	3,00,000	0	0
Grand Total Rs....	16,26,046	6	11

11. The invested balances of the several Loan Funds on the 31st March 1909, amounted to Rs. 7,23,372-1-0, as per following details, against Rs. 10,57,513-1-10 on the same date last year :—

	Rs.	a.	p.
In Government, &c., Paper with the Bank of Bombay (face value Rs. 1,00,000)	98,437	8	0
In Current Account with the following Banks :—	Rs.	a.	p.
The Chartered Bank of India, Australia and China	1,55,803	14	10
The Mercantile Bank of India, Limited	1,51,027	2	10
The National Bank of India, Limited	1,15,786	7	0
The Yokohama Specie Bank, Limited	164	14	6
The Bank of India, Limited...	2,02,152	1	10
Total Rs....	6,24,934	9	0
Grand Total Rs....	7,23,372	1	0

12. The balances of the Current Accounts with the Several Banks, enumerated in paras. 10 and 11 above, have been compared with the Pass Books and found correct, except that of the Hongkong and Shanghai Banking Corporation which is less by Re. 1-9-0 owing to the non-adjustment during the year of the value of a cheque-book, supplied to the Chief Accountant's Office, on the 24th March 1909. The Safety Receipts for the Securities lodged with the Bank of Bombay have been examined and found to be in order. The Fixed Deposit Receipts of the Bank of India, Ld., for Rs. 3,00,000 have also been examined and found to be correct.

13. The following is the list of charges, sanctioned during the year 1908-1909 by the Municipal Commissioner and paid out of his Discretional Contingent Grant :—

Item No.	Particulars.	Amount.
		Rs. a. p.
1	Compensation paid to Mrs. Flora Sassoon for damage to her Motor Car, which dashed against a barrier, kept around a manhole without lights at Queen's Road	50 0 0
2	Cost of model for House Connection	30 2 0
3	Labour charges in connection with the verification of stores at the B. B. Pipe Depot ...	561 1 0
4	Travelling expenses of peons for journey to and from Mahableshwar with the office papers of the Municipal Commissioner	149 11 9
5	Purchase of books for the Commissioner's Office	30 12 0
6	Charges for repairing the President's chair	4 12 10
7	Medical charges paid to Dr. S. N. Ranina for treatment at the Masina Hospital on account of injury caused by a Lioness at the Victoria Gardens	50 0 0
8	Cost of 136 feet of 1″ Hose India Rubber used by the late Storekeeper for the garden ...	102 0 0
9	Part of cost of clothing supplied to Hamals working in the Municipal Office Building ...	0 10 0
10	Payment of honorarium to Mr. Gazdar for taking down short hand notes of evidence in the case of Chakla Street. Lalbhai Triomlal vs the Municipal Commissioner ...	50 0 0
11	Replacing a cast-iron lamp post complete with lantern at the entrance of the Byculla Club	90 0 0
12	Additional fees for verification of stores at the Bellasis Road, Paltan Road and Chinchpokly Depots	300 0 0
13	Auctioneers' charges in connection with the sale of building materials at Dhanji Street.	19 9 7
14	Charges for erecting a screen wall over the existing compound wall at the Victoria Gardens	178 8 2
15	Charges for erecting a masonry wall over the remaining portion of the existing compound wall at the Victoria Gardens	57 14 2
16	Remuneration paid to Mr. R. H. A. Delves for giving evidence, &c., on behalf of the Municipal Commissioner in connection with the suit, filed by Bai Bala Bapu Velinker.	450 0 0
17	Nominal rent of ground occupied for an urinal at the Musjid Bunder	0 6 0
18	Charges in connection with diverting the Road side drain in front of premises Nos. 2 to 14 at Umerkhady Road	341 1 0
19	Railway charges for sending parcels containing office papers to the Commissioner at Mahableshwar	9 7 0
20	Charges for making 1″ (2) connections at Tardeo flat cattle trough	111 6 1
21	Charges for making 2 iron drinking troughs for Tardeo Flats	183 14 0
22	Purchase of animals for the Victoria Gardens...	675 10 11
23	Charges for demolition of two urinals at the Musjid Bridge...	3 8 0
24	Repayment of loss, sustained by two junior clerks of the Accounts Department, when making payment to certain labourers	1 15 9
25	Pleader's fees and reward in connection with the proceedings taken against a person who sent annonymous letters to the Chief Officer, Fire Brigade	133 0 0
26	Excess amount on account of Fazandari dues payable in respect of property at Dhuswady, estate of J. X. Menezes	24 9 4
27	Making and fixing 7 cast-iron benches on the Apollo Pier	211 13 3
28	Remuneration paid to Mr. J. T. McIntyre, M.I.C.E., for professional services in connection with Tansa Pipe Line Embankment at Kasheli	570 0 0
		4,391 12 10
	Less—Credit Rs. ...	675 10 11
	Net.—Expenditure Rs. ...	3,716 1 11

14. The amount outstanding on the 31st March 1909, under "Advances—Personal Account of Municipal Officers," was Rs. 19,028-9-10 against Rs. 40,127-1-2 on the same date last year. The former sum includes Rs. 6,828-3-0 on account of Permanent Advances to Municipal Officers, and the remainder, *viz.*, Rs. 12,200-6-10 represents the sums debited to this head pending adjustment.

15. The amounts outstanding on the 31st March 1909, under the heads noted below, compare as follows with those on the same date last year :—

	1907-1908.			1908-1909.		
	Rs.	a.	p.	Rs.	a.	p.
Departmental Works	42,463	7	10	42,726	7	2
Private Works	40,609	1	5	31,505	11	7
Workshop	26,821	0	7	23,236	3	6
Total Rs. ...	1,09,893	9	10	97,468	6	3

16. The amount outstanding on the 31st March 1909, to the debit of the "Personal Account of Municipal Contractors" for supplies and services rendered to them and for recoveries due from defaulting contractors, was Rs. 18,003-9-2 against Rs. 40,694-9-8 on the same date last year.

17. The total expenditure on account of Plague, during the year under report, met out of Current Revenue, amounted to Rs. 2,23,328-5-8 against Rs. 1,95,516-14-3 in the previous year. The total expenditure on this account from the commencement of Plague, *i.e.*, from the year 1896-97 to the end of the year 1908-1909, amounted to Rs. 70,30,398-13-4, of which Rs. 14,50,000 were met by a grant-in-aid from the Government of India, Rs. 20,00,000 from a loan raised in the open market, Rs. 10,70,346-6-0 from the Current Revenue, and the remainder, *viz.*, Rs. 25,10,052-7-4, has been carried to a Suspense head pending future adjustment.

18. The scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1908-09 and of previous years :—

Collections :—During the year there were issued by the Assessor and Collector 100,307 net Demand Assessment Bills for Property and Wheel Taxes of the value of Rs. 63,43,175-3-9 and 3,122 bills for Meter Hire for the same year of the value of Rs. 31,388-12-0.

The following figures give the particulars of the bills and collections :—

	Rs.	a.	p.	Rs.	a.	p.
99,815 Bills for Property and Wheel Taxes were issued for 1908-1909 of the value of	.....			63,07,253	5	11
469 Bills for the year 1907-1908	30,626	4	5			
15 " " 1906-1907	3,636	7	4			
6 " " 1905-1906	1,396	8	9			
2 " " 1904-1905	262	9	4			
492				35,921	13	10
3,122 Bills for meter hire for 1908-1909	.....			31,388	12	0
103,429 Total number of bills for 1908-1909	.....			63,74,563	15	9
Add—Government and Port Trust Contributions	3,33,139	0	0			
Outstandings on 31st March 1908	98,779	12	1			
				4,31,918	12	1
Total amount to be collected	.....			68,06,482	11	10
Less—Collections made by the Assessor and Collector	62,98,590	8	10			
Paid by Government and Port Trustees	3,33,139	0	0			
				66,31,729	8	10
				1,74,753	3	0
Deduct—Amount of bills recalled, amended, and cancelled for all years from 1901-1902 to 1907-1908				40,641	8	6
Total outstanding on 31st March 1909 (*vide* Appendix C)				1,34,111	10	6
Amount outstanding on 31st March 1908, exclusive of meter hire				98,500	0	1
Deduct.—Amount of bills recalled, amended and cancelled during the year for all years prior to 1908-1909 exclusive of Rs. 1,348 on account of meter hire				39,293	8	6
				59,206	7	7
Add—Amount of bills amended and issued during the year				35,921	13	10
				95,128	5	5
Deduct—Amount recovered during the year				81,220	5	6
Balance outstanding on 31st March 1909 (*vide* Appendix B)				13,907	15	11

19. In accordance with the instructions, contained in the Corporation Resolution No. 5294, dated the 19th November 1888, all Sinking Fund Investments during the year, pertaining to the several Loans, were examined and found to agree with the amounts, provided in the Budget for the year 1908-1909. The total accumulated balance on account of the several Sinking Funds on the 31st March 1909, amounted to Rs. 85,31,185-15-2, (Rs. 85,30,569-11-0 in Securities of the nominal value of Rs. 85,33,500 as given below and Rs. 616-4-2 in cash) :—

	Nominal value of paper	Actual cost.		
	Rs.	Rs.	a.	p.
5 per cent. Municipal Bonds	34,66,000	34,66,000	0	0
4 per cent. do.	13,47,500	13,47,316	6	9
4 per cent. City Improvement Trust Bonds...	28,46,000	28,46,051	11	3
3½ per cent. Government Promissory Notes.	8,06,600	8,03,801	9	0
3 per cent. Government Promissory Notes.	67,400	67,400	0	0
Total Rs. ...	85,33,500	85,30,569	11	0

The Safety Receipts, granted by the Bank of Bombay for the above Securities in its custody, have been examined and found to be in order, and the Cash Deposits in the Bank's Pass Books of the above funds have also been verified and found correct.

20. The balances of the Several Reserve funds, *viz.*, "Municipal Building Fire Insurance", "Worn-out Water Mains Renewal" and the "Net Premia Funds", on the 31st March 1909, amounted to Rs. 7,29,870-3-7 (Rs. 7,29,147-8-0 in securities of the nominal value of Rs. 7,27,000 as given below and Rs. 722-11-7 in Cash) :—

	Nominal value of Paper.	Actual cost.		
	Rs.	Rs.	a.	p.
Municipal Building Fire Insurance Fund ...	1,13,500	1,14,660	10	0
Worn-out Water Mains Renewal Fund ...	5,76,500	5,77,076	9	0
Net Premia, &c., Fund	37,000	37,410	5	0
Total Rs. ...	7,27,000	7,29,147	8	0

The Bank's Safety Receipts for the above securities and Pass Books of these funds have been examined and found to be in order. It may be noted that the monies belonging to the School Building Fund, *viz.*, Rs. 74,087-15-9 have been transferred to the General Fund during the year under review, in accordance with Corporation Resolution No. 2567, dated 13th July 1908.

21. The Safety Receipts for Securities in Government &c. Paper, received from the Municipal employes and contractors and lodged with the Bank of Bombay, have been examined and found to be in order.

22. The Securities, furnished by the Municipal employes and on the record of the Chief Accountant's Office have also been examined with the register, maintained in his office and found to be in order.

23. The balance of stock in hand on the 31st March 1909, as per books of the Chief Accountant, compared with that of the previous year, was as follows :—

Department.	1907-08.	1908-09.
	Rs. a. p.	Rs. a. p.
Executive Engineer's Department	2,459 1 4	613 9 6
General Stores Department.		
General Stores	4,58,055 15 11	4,89,688 4 1
Plague Stores	92 12 8	92 12 8
Surplus and Obsolete Stores	2,32,147 13 10	58,131 5 3
Line Suspense Account	.. ...	1,22,344 10 0
General Stores Department Total	6,90,296 10 5	6,70,257 0 0
Stores (sales)	9,242 7 4	2,547 9 4
Water Works Imprest	3,259 0 3	1,965 11 2
Stock Adjustment Account	*Cr*, 7,550 14 1	52,315 10 4
	4,950 9 6	56,828 14 10
Grand Total Rs. ...	6,97,706 5 3	7,27,699 8 4

24. In accordance with the instructions contained in para. XXIX of the Stores and Stores Audit Manual, a balance sheet of the General Stores Department has been prepared in the form of Appendix O of the Manual, giving two sets of figures, one from the books of the Chief Accountant and the other from the balance sheet of the Storekeeper. The difference in the balance on the 31st March 1909, between the two sets of figures, has been explained by a footnote in the statement hereto attached.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *2nd August*, 1909.

Statement of Stores Transactions for the year ending 31st March 1909.

(Appendix O of the Stores and Stores Audit Manual.)

General Stores Department.	Figures as per books of the Chief Accountant.					Figures as per balance sheet of the Storekeeper.				
	Balance on 31st March 1908.	Receipts during 1908-09.	Total.	Issues during 1908-09.	Balance on 31st March 1909.	Balance on 31st March 1908.	Receipts during 1908-09.	Total.	Issues during 1908-09.	Balance on 31st March 1909.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Stores	4,58,055 15 11	7,38,625 7 1	11,96,681 7 0	7,06,993 2 11	4,89,688 4 1	4,38,072 3 6	7,35,678 4 1	11,73,750 7 7	7,01,921 8 2	4,71,828 15 5
Plague Stores	92 12 8	.....	92 12 8	.....	92 12 8	.....	.....	.....	.....	.....
Surplus and Obsolete Stores	2,32,147 13 10	53,505 15 10	2,85,653 13 8	2,27,522 8 5	58,131 5 3	1,95,355 13 4	54,382 2 2	2,49,737 15 6	1,95,813 6 6	53,924 9 0
Line Suspense Account.	.....	1,22,344 10 0	1,22,344 10 0	.....	1,22,344 10 0	.....	1,22,344 10 0	1,22,344 10 0	.....	1,22,344 10 0
Total Rupees ...	6,90,296 10 5	9,14,476 0 11	16,04,772 11 4	9,34,515 11 4	6,70,257 0 0	6,33,428 0 10	9,12,405 0 3	15,45,833 1 1	8,97,734 14 8	6,48,098 2 5
									Difference ...	22,158 13 7
										6,70,257 0 0

The difference of Rs. 22,158-13-7 between the Balances on 31st March 1909, as shown above, is mainly due to non-adjustments of the value of certain Stores in the books of the Chief Accountant. There adjustments will be made on receipt of complete information and documents from the different Departments. Line Suspense account has been opened during the year 1908-09, as required by addendum to Clause VIII of the Stores and Stores Audit Manual, approved under Standing Committee's Resolution No. 7847 of 11-3-1908.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *2nd August* 1909.

BOMBAY, 21*st June 1909.*

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

TO

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

IN accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honour to forward herewith the three appendices marked A, B, and C, containing the result of the Scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the office of the Assessor and Collector on the 31st March 1909.

2. These appendices form part of the Annual Report on the Municipal Accounts for the year 1908-1909 now under preparation.

We have the honour to be,

SIR,

Your most obedient servants,

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

Appendix A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1909.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhore Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhore Service.	Water charged by Meter.	Taxes on Vehicles and Animals.	Meter Hire.	Grand Total.
		1907 1908.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	1,177	32,396 0 9	6,709 13 1	7,563 10 7	46,669 8 5	1,339 8 9	9,065 3 5	20,275 10 1	961 6 0	292 8 0	78,603 12 8
B	172	6,290 12 8	2,994 9 8	2,091 1 9	11,376 8 1	1 0 0	69 4 6	360 3 11	137 11 0	95 12 0	12,010 7 6
C	116	2,563 9 6	986 9 5	857 10 0	4,407 12 11	1 0 0	51 1 8	179 11 3	73 11 0	5 0 0	4,718 4 10
D	215	4,935 8 8	1,455 4 1	1,793 8 0	8,184 4 9	8 9 4	.....	507 12 3	451 12 0	32 0 0	9,184 6 4
E	203	4,059 10 10	1,174 1 10	1,472 8 4	6,706 5 0	33 0 0	570 14 6	1,627 4 5	519 11 0	17 8 0	9,474 10 11
F	72	1,475 9 1	592 0 5	494 13 5	2,562 6 11	.....	....	135 9 8	17 0 0	32 12 0	2,747 12 7
G	181	717 2 2	192 15 2	258 13 0	1,168 14 4	10 0 0	.....	2,060 13 5	108 8 0	86 0 0	3,434 3 9
Total...	2,136	52,438 5 8	14,105 5 8	14,532 1 1	81,075 12 5	1,393 2 1	9,756 8 1	25,147 1 0	2,269 11 0	561 8 0	1,20,203 10 7

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, 21*st June* 1909.

Appendix B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1907-1908 and previous years in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1909.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhore Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhore Service.	Water charges by Meter.	Tax on Vehicles or Animals.	Grand Total.
		FOR THE YEAR 1907-1908.								
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	99	3,355 8 10	88 6 1	293 1 8	3,737 0 7	523 6 1	751 7 9	1,356 14 0	31 0 0	6,399 12 5
B	14	636 15 2	78 9 5	107 6 2	822 5 9	.....	.....	84 12 0	37 12 0	944 13 9
C	9	81 10 6	21 2 10	18 2 6	120 15 10	.....	.....	.....	45 11 0	166 10 10
D	7	104 11 0	13 0 10	36 14 6	184 10 4	.....	.....	.....	12 0 0	196 10 4
E	23	1,159 15 10	476 1 4	417 0 6	2,053 1 8	.....	357 5 3	.....	21 11 0	2,432 1 11
F	19	591 1 10	209 9 3	110 5 4	911 0 5	.....	.....	.....	11 0 0	922 0 5
G	28	107 10 2	2 14 3	35 2 10	145 11 3	.....	.....	.....	.....	145 11 3
Total ...	199	6,037 9 4	919 3 6	1,018 1 6	7,974 13 10	523 6 1	1,108 13 0	1,441 10 0	159 2 0	11,207 12 11
		FOR THE YEAR 1906-1907.								
A	6	.....	.....	.....	.....	372 13 5	.....	.....	16 8 0	389 5 5
B	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
C	8	87 12 0	24 3 2	18 2 6	130 1 8	.....	.....	.....	13 0 0	143 1 8
D	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
E	4	209 11 2	93 3 2	71 6 6	371 4 10	.....	.....	.....	.....	374 4 10
F	1	0 7 2	.....	.....	0 7 2	.....	.....	.....	.....	0 7 2
G	2	1 12 10	.....	.....	1 12 10	.....	.....	.....	.....	1 12 10
Total ...	21	299 11 2	117 6 4	89 9 0	506 10 6	372 13 5	.....	.....	29 8 0	908 15 11
		FOR THE YEAR 1905-1906.								
A	4	.....	.....	.....	.....	101 13 7	.....	.....	22 4 4	124 1 11
B	1	.....	.....	.....	.....	.....	.....	.....	10 13 3	10 13 3
C	6	87 12 0	24 3 2	18 2 6	130 1 8	.....	.....	.....	.....	130 1 8
D	1	.....	.....	.....	.....	.....	.....	.....	24 0 0	24 0 0
E	4	179 15 3	93 3 2	71 6 6	344 8 11	.....	.....	.....	.....	344 8 11
Total ...	16	267 11 3	117 6 4	89 9 0	474 10 7	101 13 7	.....	.....	57 1 7	633 9 9
		FOR THE YEAR 1904-1905.								
A	1	.....	.....	.....	.....	.....	23 10 0	.....	.....	23 10 0
C	6	102 6 0	24 3 2	18 2 6	144 11 8	.....	.....	.....	.....	144 11 8
D	2	.....	.....	.....	.....	.....	.....	.....	21 12 4	21 12 4
E	3	107 2 5	47 9 7	37 3 3	191 15 3	.....	.....	.....	.....	191 15 3
Total ...	12	209 8 5	71 12 9	55 5 9	336 10 11	.....	23 10 0	.....	21 12 4	382 1 3
Carried over ...	248	6,814 8 2	1,225 12 5	1,252 9 3	9,292 13 10	998 1 1	1,132 7 0	1,441 10 0	267 7 11	13,132 71 0

Appendix B—*continued.*

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhore Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhore Service.	Water charged by meter.	Tax on Vehicles or Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
Brought over ...	218	6,814 8 2	1,225 12 5	1,252 9 3	9,292 13 10	998 1 1	1,132 7 0	1,441 10 0	267 7 11	13,132 7 10
FOR THE YEAR 1903-04.										
C	6	102 6 0	24 3 2	18 2 6	144 11 8	.....	.....	.....	.....	144 11 8
E	1	2 10 0	1 0 0	1 8 0	5 2 0	.....	.....	.....	.....	5 2 0
Total ...	7	105 0 0	25 3 2	19 10 6	149 13 8	.....	.....	.....	.....	149 13 8
FOR THE YEAR 1902-03.										
C	6	102 6 0	24 3 2	18 2 6	144 11 8	.....	.....	.....	.....	144 11 8
D	2	.....	....	.....	.....	.....	.....	.....	12 9 3	12 9 3
Total ...	8	102 6 0	24 3 2	18 2 6	144 11 8	.....	.....	.....	12 9 3	157 4 11
FOR THE YEAR 1901-02.										
C	6	102 6 0	24 3 2	18 2 6	144 11 8	.....	.....	.....	.....	144 11 8
FOR THE YEAR 1900-01										
C	8	176 4 0	41 9 8	31 3 4	249 1 0	.....	.....	.....	.....	249 1 0
FOR THE YEAR 1899-1900.										
C	3	53 6 0	12 1 7	9 1 3	74 8 10	.....	....	.....	.....	74 8 10
Grand Total ...	280	7,353 14 2	1,353 1 2	1,348 13 4	10,055 12 8	998 1 1	1,132 7 0	1,441 10 0	280 1 2	13,907 15 11

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

Appendix C.

SUMMARY OF APPENDICES A AND B.

Years.	Appendix A. No. of Bills.	Appendix A. Amount.	Appendix B. No. of Bills.	Appendix B. Amount.	Grand Total. No. of Bills.	Grand Total. Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1908-1909	2,136	1,20,203 10 7	.....	.....	2,136	1,20,203 10 7
1907-1908	.....	.....	199	11,207 12 11	199	11,207 12 11
1906-1907	.....	.....	21	908 15 11	21	908 15 11
1905-1906	.....	.....	16	633 9 9	16	633 9 9
1904-1905	.....	.....	12	382 1 3	12	382 1 3
1903-1904	.....	.....	7	149 13 8	7	149 13 8
1902-1903	.....	.....	8	157 4 11	8	157 4 11
1901-1902	.....	.....	6	144 11 8	6	144 11 8
1900-1901	.....	.....	8	249 1 0	8	249 1 0
1899-1900	.....	.....	3	74 8 10	3	74 8 10
Total ...	2,136	1,20,203 10 7	280	13,907 15 11	2,416	1,34,111 10 6

Outstanding amount on the same date last year was Rs. 98,779-12-1.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *21st June 1909.*

BOMBAY, 26*th July* 1909.

To THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

WE have the honour to forward herewith our Report on the Accounts of the Joint Schools Committee for the year 1908-1909.

We have the honour to be,

SIR,

Your most obedient servants,

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1908-09.

In accordance with Bye-law No. 15 of the Schools Committee, we beg to report that we have audited the accounts, examined all vouchers and papers, relating to the receipts and disbursements of the School Fund in charge of the Schools Committee, from the 1st April 1908 to the 31st March 1909, and found them in order.

2. The total receipts of the Schools Committee, during the year under report, amounted to Rs. 2,19,686-7-2 which is a normal figure, against Rs. 2,29,058-2-10 during the year 1907-08. The difference of Rs. 9,371-11-8 is mainly due to the receipt during the year 1907-08 of the Building Grant made by Government to the Sorabji Shapurji Bengalee Girls' School.

3. The total expenditure during the year 1908-09, amounted to Rs. 2,54,888-5-6 against Rs. 2,33,134-11-6 in the year 1907-08. The increase of Rs. 21,753-10-0 is mainly due to the payment of Plague Allowance and Grain Compensation to the teachers and servants of Schools and to the payment of higher rents for Schools.

4. The sanctioned total Budget grant for expenditure has been exceeded as will be seen from the following figures :—

Sanctioned total Budget grant for expenditure during the year 1908-1909	Rs. 2,45,525	0	0
Total expenditure incurred during the year 1908-1909	„ 2,54,888	5	6
Excess over the Budget Grant	Rs. 9,363	5	6

It is requested that the Secretary may be instructed to obtain the necessary additional grant.

5. It will be seen from the foregoing paragraphs 2 and 3 that the total receipts were less than the total outgoings by Rs. 35,201-14-4 during the year under report.

6. As suggested in our report for the previous year a sum of Rs. 23,968-12-0 was invested in 3½ per cent. Government Promissory Notes of the nominal value of Rs. 25,000 in the month of August 1908. In order, however, to provide for expenditure, about the close of the year, under report, 3½ per cent. Government Promissory Notes of the nominal value of Rs. 35,000 were sold.

7. The total assets and the workable balance of the School Fund on the 31st March 1909 amounted to Rs. 71,210-10-6 and Rs. 66,482-1-11 respectively, as per details given below :—

Advances recoverable				Rs. 12,463	14	0
Government Paper and other Securities deposited with the Bank of Bombay on account of Prize Funds of the nominal value of ...				„ 4,000	0	0
Government Paper of the nominal value of Rs. 40,000 deposited with the Bank of Bombay on account of the investments of Surplus Funds (actual value)				„ 38,631	4	0
Cash Balance—						
In the Bank of Bombay	Rs. 16,115	8	6			
In the Office Treasury	.....					
				„ 16,115	8	6
Total amount of Assets				Rs. 71,210	10	6
Deduct—						
Total Liabilities of the School Fund on account of Prize Funds &c....				„ 4,728	8	7
Total amount of the workable balance of the School Fund on the 31st March 1909				„ 66,482	1	11

8. The balance in the Pass Book of the Bank of Bombay was verified by us and found correct, and the safety receipts for the Government Papers, &c., lodged with the Bank of Bombay, were also examined by us and found to be in order.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors

Bombay, 26*th July* 1909.

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PART II.

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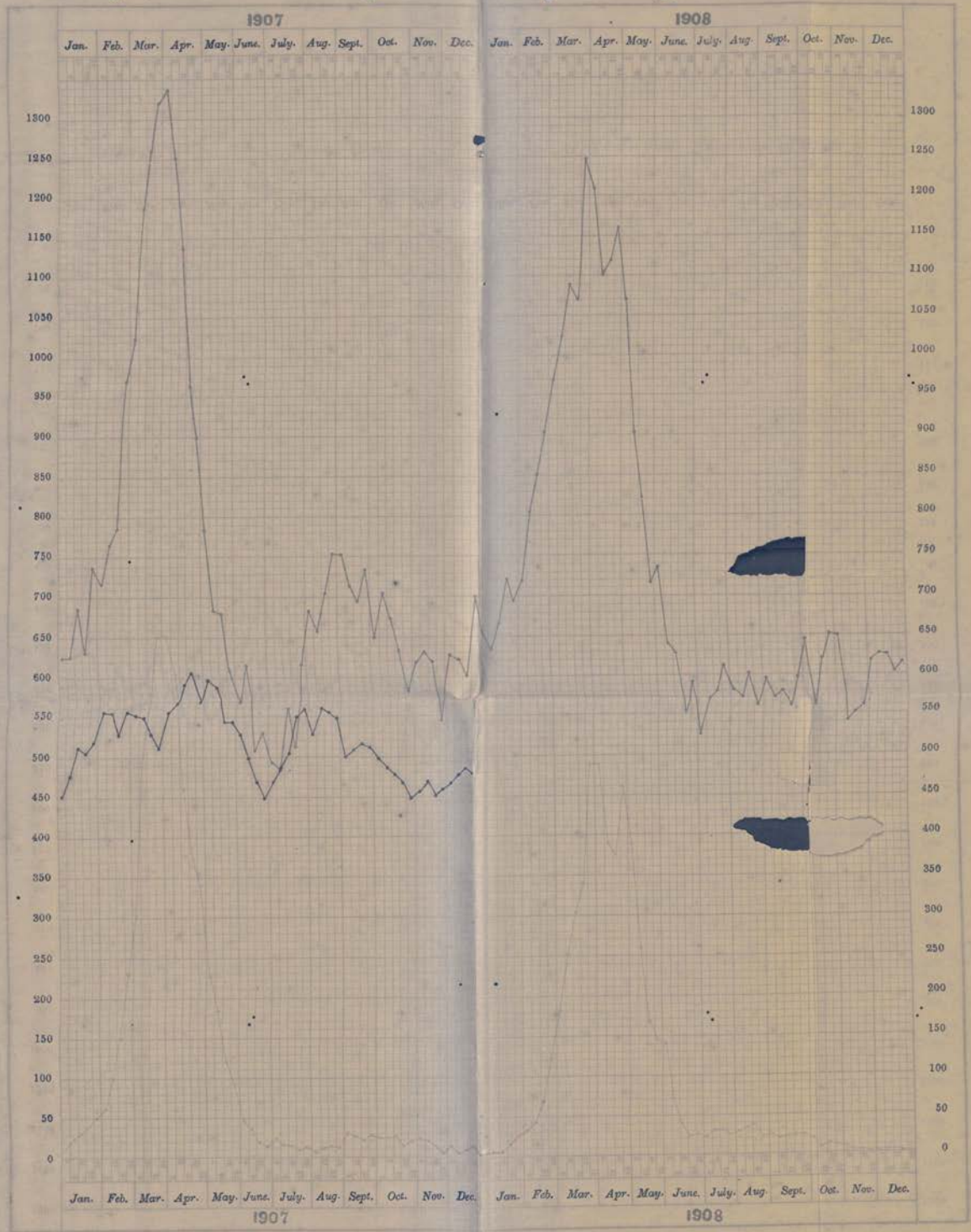
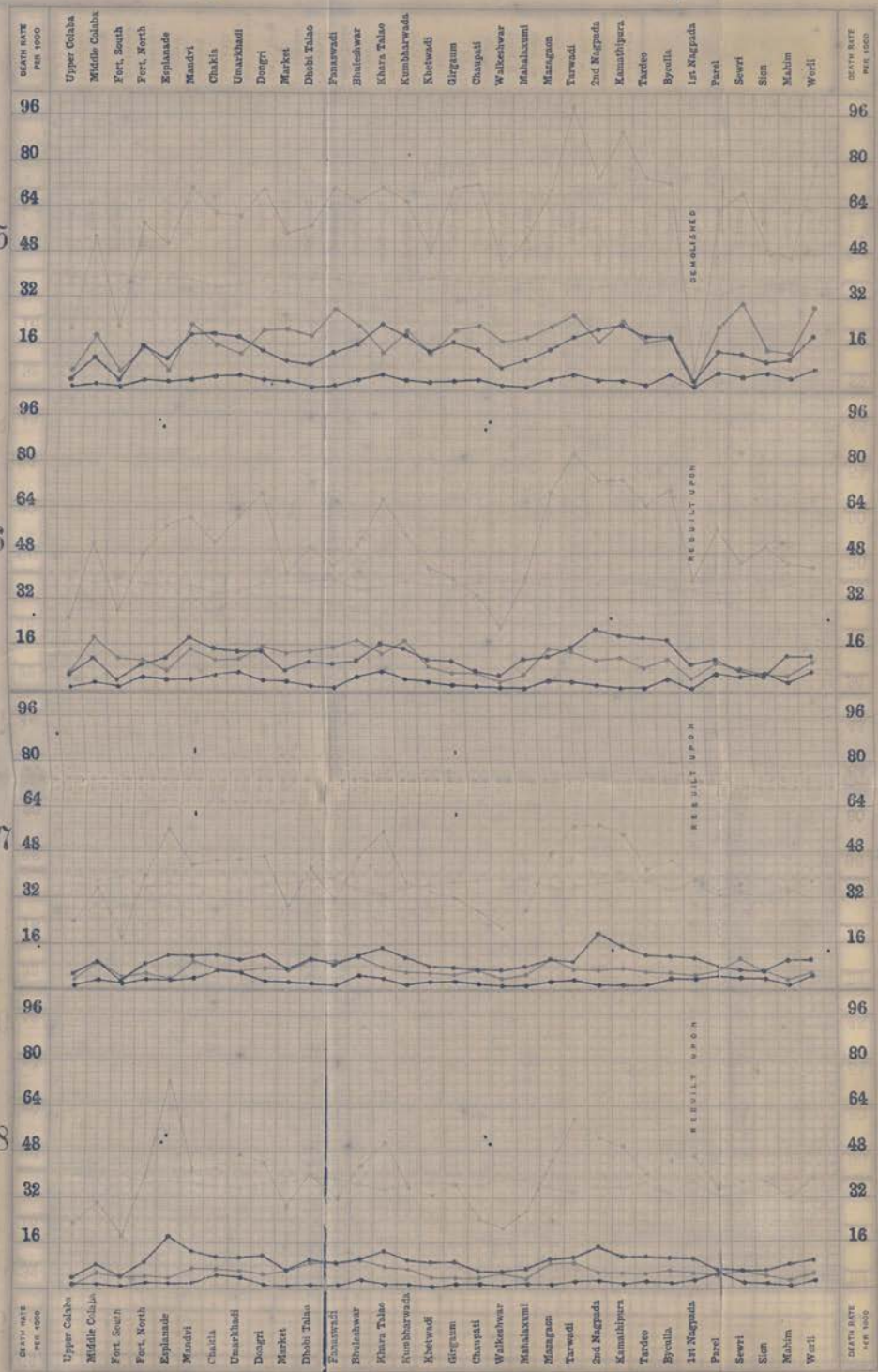
Weekly Total and Plague Mortality during 1907 and 1908.



Shri Karunesh Printing Press, Girgaon Bombay.

TOTAL _____ PLAGUE _____ AVERAGE BEFORE PLAGUE _____

DIAGRAM—Death-Rate from Total Mortality and Mortality from some of the Principal Diseases by Sections in Bombay City during the Years 1905 to 1908 compared.

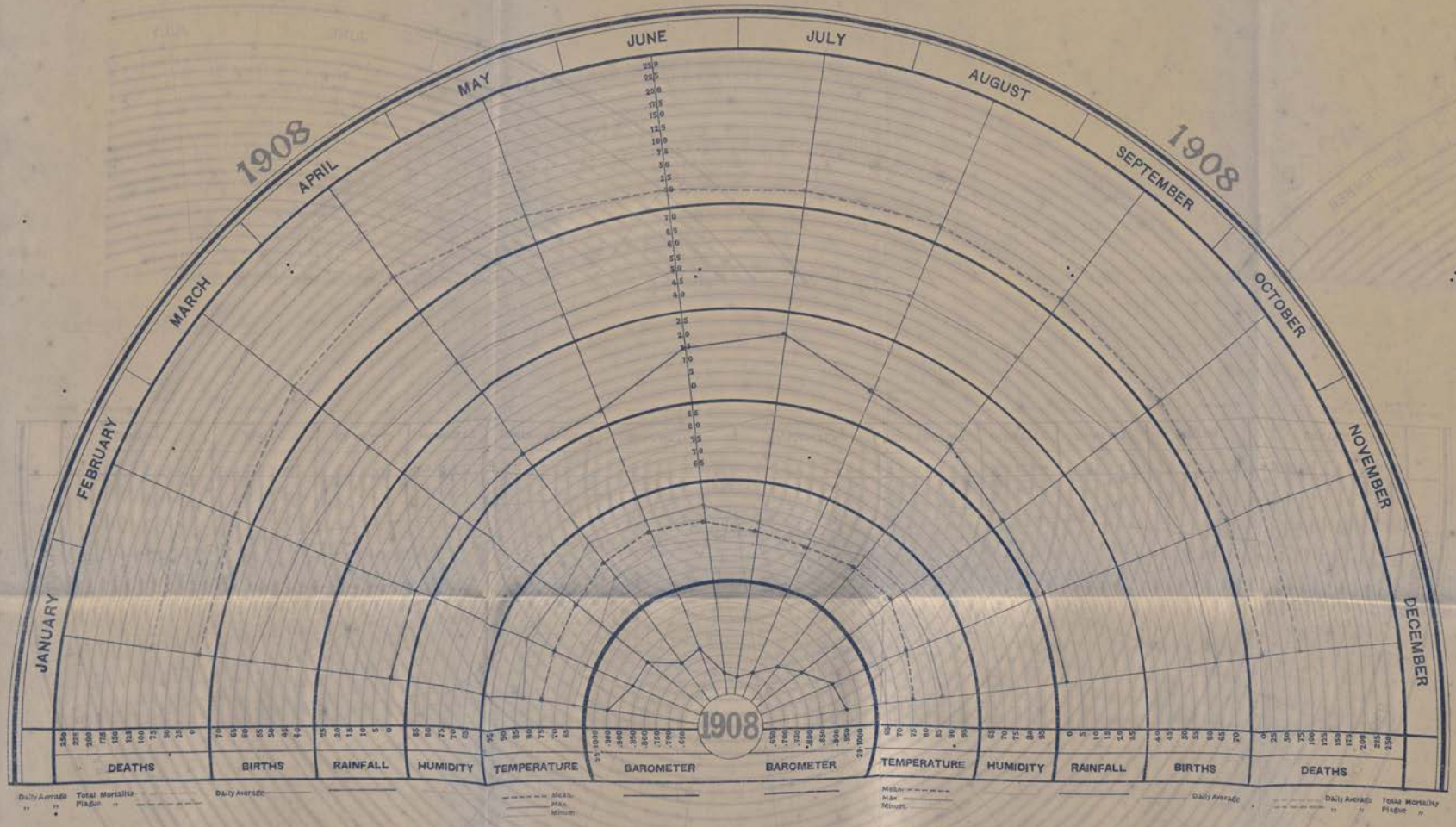


Shri Kashinath Printing Press, Girgaon Bombay.

DIAGRAM

Average Birth and Death Rate and the Prevalence of Climatic Conditions by Months in Bombay

during



Shri Kanubhai Printing Press, Girgaon Bombay.

PUBLIC HEALTH.

Annual Report of the Executive Health Officer for 1908.

I have the honour to submit my Annual Report for 1908 on the conditions and administration of Public Health in this City.

The area of the City and Island of Bombay is 22·45 square miles (excluding the area of the recent Colaba reclamation measuring about ·03 square miles), and the population according to the Census of 1906, 9,77,822 on which figure the vital statistics for the year under report are calculated. Area and Population.

The subjoined statement of the Readings of the Thermometer in the different years from 1896 shows that in the year under review there prevailed on the whole a higher temperature in the earlier months than even in 1907, the maximum heat recorded (94·3) being in the month of April, the nearest approach to it being 93·3 in March 1901. Readings of the Thermometer.

Comparative table showing the Readings of the Thermometer by months in the following years:—

MONTHLY MEAN.

MONTHS.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
January	76·9	74·06	76·1	73·4	74·3	74·2	77·0	74·4	76·0	73·4	74·0	76·9	75·6
February	76·3	75·01	76·3	76·3	75·3	73·6	77·5	74·5	77·7	71·4	73·7	76·4	75·4
March	80·4	78·0	80·3	80·5	79·6	80·1	81·9	76·7	79·9	76·1	77·5	79·8	77·6
April	85·2	83·2	84·1	83·4	82·9	84·2	84·4	82·2	83·1	79·7	81·5	83·4	83·3

GREATEST MAXIMUM.

MONTHS.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
January	85·1	87·0	89·4	86·9	84·6	83·2	87·1	84·1	86·8	83·4	85·4	86·3	84·8
February	83·6	81·4	84·8	86·8	81·4	85·2	85·0	87·8	88·8	81·8	84·6	84·8	89·4
March	88·0	84·0	86·6	87·5	89·4	93·3	89·3	84·2	91·1	83·8	84·9	88·4	86·4
April	92·6	91·1	90·7	90·4	88·8	91·2	89·6	90·1	88·2	86·0	88·8	88·9	94·3

LEAST MINIMUM.

MONTHS.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
January	67·4	63·4	64·9	61·2	64·4	65·2	66·4	62·4	63·3	57·4	62·4	67·2	63·4
February	67·1	64·9	65·3	69·8	67·0	60·1	65·9	62·4	68·3	58·4	63·6	64·2	62·3
March	70·3	68·0	64·9	71·2	70·9	69·3	73·4	66·7	70·7	63·8	69·2	71·4	65·4
April	76·7	72·6	76·2	75·4	75·0	76·7	77·6	69·4	76·6	68·7	73·4	76·7	75·9

The season was thus less favourable to the prevalence of Plague which caused 1,028 deaths fewer than in 1907. The total mortality from Plague fell from 18,185 in 1898 to 13,285 in 1900; from 18,736 in 1901 to 13,820 in 1902; from 20,788 in 1903 to 13,538 in 1904; and from 14,198 in 1905 to 10,823 in 1906; the lowest figure recorded since the advent of Plague being in the year under report when it fell from 6,389 in 1907 to 5,361.

Subjoined is a table showing the total rainfall in each year from 1901, as also rainfall by months. The total rainfall recorded at Colaba Government Observatory was 53·54 against 100·78 in 1907. Rain fell on 100 days in all: on 21 days in June, 29 in July, 27 in August, and on 23 days in September and October. The maximum rainfall for a single month was registered in July—21·13, and for a single day on the 1st of that month—4·30. In September rain fell on 20 days, the total fall being 6·71 while in 1907 the month was rainless. The rainfall was evenly distributed over the whole season.

TABLE SHOWING THE RAINFALL BY MONTHS DURING THE FOLLOWING YEARS :—

YEAR.	January to June.	July.	August.	September to December.	Total.
1901 ...	26·15	32·70	14·27	2·20	75·32
1902 ...	9·77	16·96	16·53	28·71	71·97
1903 ...	27·71	24·82	18·23	13·73	84·49
1904 ...	15·19	10·14	5·72	2·37	33·42
1905 ...	6·61	15·30	4·35	7·40	33·66
1906 ...	13·35	18·10	20·91	3·94	56·30
1907 ...	22·82	59·26	15·93	2·77	100·78
1908 ...	15·41	21·13	9·67	7·33	53·54

Births.

The total number of births registered during the year excluding still-born was 20,166—the highest number ever registered in the City during a year if we except the year 1906; giving the ratio of 20·62 per 1,000 of the population of 1906 (9,77,822), as against 19,535 equal to a birth rate of 19·97 in 1907. The number of male births was 10,357 against 9,809 of the other sex; thus giving an excess of 548 of the former.

The figure of 20,166, however, represents only the number of children actually registered as born in Bombay.. But the number of children under one year in the City is much higher: for to the above figure we have to add that of children born out of Bombay of mothers who belonging to the City went for delivery out of it and returned with the infant. It is not possible to arrive exactly at this figure: the number of such children who were vaccinated in Bombay is 8,636 as registered by the Vaccination Department; to these must again be added those who were insusceptible of vaccination and also those who may have died before being vaccinated.

Considering the difficulties in the way of complete and accurate registration of births which I have again and again brought to notice, *viz*: those having their root in the habits and prejudices of the people, in the ignorance of statutory obligation or indifference to and evasion of it, it may be regarded as a satisfactory feature of the year under report, that the vigorous effort put forth by the staff of Birth Karkuns, Nurses and Sub-Registrars resulted in the highest number of births being registered excepting the year 1906.

Birth-Rate.

In the Annual Report of the Registrar-General of England and Wales it will be seen how the birth-rate is measured: I have adapted that system to explain the necessary correction in Bombay.

Among the several factors affecting the birth-rate, note must be taken of the changes in the marriage rate, of the changes in the women of conceptive ages in the population, and of the changes in the age constitution of the married female population; as also of the custom prevailing in Bombay for pregnant women to leave the City and return with a child 2 or 3 months old.

Measuring the Birth-Rate.

The crude birth-rate *i.e.* the proportion of registered births to the total population at all ages, is sufficient for comparing the birth-rate in a population from year to year in other countries: but in India many corrections must be made.

While in conjunction with the death-rate it affords a ready means for gauging the natural increase in a population, in India again this would be a fallacy as the crude birth-rate is not adapted for comparison over a long series of years, because it takes no account of the effect of the changing constitution of a population in regard to age, sex, condition, or marriage.

It is desirable therefore to make a comparison of birth-rates based not only on the total population but also on the number of possible mothers.

How these corrections have to be made is seen by comparing the following statement :—

Place.	Population by Census.	Proportion per cent. of women between 15-45 years in the total population of both sexes and all ages.	Proportion per cent. of married women in the female population between 15-45 years.	Proportion per cent. of married women between 15-45 in different age groups.				Persons married to 1,000 marriageable persons in the population.	Birth-rate calculated per 1,000 of population at all ages.	Birth-rate calculated per 1,000 on female population 15-45 years.
				15-20	20-25	25-35	35-45			
England & Wales ...	3,49,45,600	25·0	46·8	·7	11·8	46·8	40·7	48·6	26·3	105·1
Glasgow	8,47,584	...	...	...	...	...	...	...	...	114·8
Bombay	9,77,822	22·6	77·0	76·4	85·9	80·9	58·5	73·8	20·6*	143·5

*(Counted by adding children born out of Bombay of women belonging thereto 32·4)

Corrected Birth-rate.

In all my previous reports on Infant Mortality in Bombay I have laid great stress on the fact that the figures are fallacious, because the number of infants under the age of one year dying during the year calculated on the number of births registered is incorrect—as many of the infants dying have not been registered as born. In order to get at a true statement it would be necessary to include all those children who are born out of Bombay of mothers belonging to the City and brought to Bombay after birth.

During 1908, 8,636 of such children under one year of age were vaccinated primarily; in addition to these a large number must have escaped vaccination either by death or postponement: 34 per-cent. of births registered are not vaccinated: it would therefore be safe to assume that 34 per cent. of the unregistered children are not vaccinated for the same reason *viz.* death or postponement. Thus the population on which the infant mortality should be calculated is :—

20,166	Registered births.
8,636	Unregistered births (of children under 1 year primarily vaccinated in Bombay.)
2,936	Unregistered—and escaped vaccination (being 34 per cent.)
31,738	

giving a birth-rate of 32·4 per 1,000 of the population compared with 38·4, the birth-rate for the whole of India.

That this is not overestimating the figure is borne out by the table given above, from which it will be seen that while in England the birth-rate per cent. of females between 15 to 45 years of age is 10·5, in Bombay it is 14·3 and in Glasgow it is 11·3 ; while the percentage of child-bearing women between the ages of 15 and 45 to the total female population is 77 in Bombay, it is 46 in England ; while the percentage of married women between the ages of 15 to 20 in Bombay is 76·4 compared with ·7 in England.

The Infant Mortality, then, should be calculated on the corrected number of births which in 1908 would be 31,738 giving an Infant Mortality of 286 per 1,000 of the births compared with 228·3 per 1,000 for the whole of India, which, although very high, is not an unreasonable difference for a large City, and is much nearer the truth than when calculated only on the number of births registered during the year.

Infant Mortality.

The inquiries into the causes of death of infants under one year and the mortality due to puerperal diseases have been continued.

The following tables show the number of births registered in this City during the year 1908 and also the various causes of death in infants under one year of age. The percentages of deaths under various diseases shown in the tables are calculated on the total number of deaths under one year of age.

Table A gives various facts relating to births and the work done by the nurses. The corresponding figures for 1907 are inserted.

TABLE A.

—	1908.	1907. (July to December.)
Total number of births registered	20,166	11,785
No. verified by the nurses	12,797	5,412
Percentage of the No. verified to the total	63·4	45·9
Do. still-born to the No. verified	10·9	11·3
Do. children dying within 30 days	15·2	17·1
Do. confinements attended by Municipal Nurses	4·0	5·7
Do. children born in a healthy condition	53·5	61·0
Do. children fed on breast	67·8	73·0
Do. cases where the mother left home for work	29·9	30·0
Do. confinements attended by unskilled women ... ... 43·14	74·16	79·8
Do. confinements unattended ... ... 31·02		
Do. children born in hospital	12·1	13·7
Do. confinements attended by Qualified Nurses	13·6	6·5

Table B shows the total number of deaths of infants under one year and also the total deaths under the three age groups 1 to 30 days, 1 to 6 months, and 7 to 12 months.

TABLE B.

AGE PERIOD.	Year.	All Causes.	Ague and Remittent Fever.	Small-pox.	Measles.	Diarrhoea and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.	Malaria.
1 to 30 days...	1908	3,078	21	10	2	52	179	2,445	257	64	1
	1907	3,056	15	...	...	54	186	2,427	243	80	...
1 to 6 months	1908	2,807	82	88	47	254	...	335	814	1,062	7
	1907	2,478	69	5	11	247	...	318	693	1,012	1
7 to 12 months	1908	3,192	103	138	189	457	...	92	332	1,431	13
	1907	2,742	106	14	24	444	...	105	301	1,424	2
Total	1908	9,077	206	236	238	763	179	2,872	1,403	2,557	21
	1907	8,276	192	19	35	745	186	2,850	1,237	2,516	3

The next table shows the percentage of deaths in each age period to total deaths under one year of age for the years 1907 and 1908 (all causes included).

TABLE C.

Age period.	BOMBAY. 1908.	BOMBAY. 1907.	GLASGOW. 1907.
1 to 30 days	33·90	37·0	30·0
1 to 6 months	30·92	29·0	37·0
7 to 12 months	35·16	33·0	33·0

The following table shows the percentage of deaths from various causes for each of the three age periods during the year 1908.

TABLE D.

	All Causes.	Ague and Remittent Fever.	Small pox.	Measles.	Diarrhoea and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.
1-30 days	33·90	0·68	0·32	0·06	1·68	5·81	79·4	8·3	2·07
1-6 months	30·92	2·9	3·1	1·0	9·0	...	11·9	29·9	37·8
7-12 months	35·16	3·2	4·3	5·9	14·3	...	2·9	10·4	44·8
Total. ...	...	2·2	2·59	2·62	8·4	1·97	31·6	15·4	28·1

It will be seen that the total infant mortality was greater in 1908 than in 1907 by 801. This is mainly due to an increase in the number of deaths under Small-pox (217), Measles (203), and Diseases of the Nervous System (166).

The proportion of children dying during the first month of life was less in 1908 than 1907 by 3·10 per cent. On the other hand, a greater proportion died between 7 and 12 months in 1908 than 1907. This is accounted for, for the most part, by the outbreak of Measles and Small-pox which occurred.

The number of deaths registered from Puerperal Fever was 360 while the number of deaths due to the diseases of the Generative System in females following parturition was 130.

In my Annual Report for last year, I stated that "the remedy appears to be more skilled attendance in confinement, more sanitary surroundings and facilities for obtaining medical aid and food for mother and child to complete against poverty and ignorance."

In the extended enquiries made since then I am still of that opinion. Out of 20,166 children registered during the year, 3,078 died before reaching the age of 30 days. The cause of death given of 2,445 of them was Debility.

2,807 of the children born during the year died before reaching the age of 6 months, the cause of death being 9·0 per cent. Diarrhœa, 11·9 Debility, 29·9 Diseases of the Nervous System (Convulsions) and 37·8 Respiratory Diseases.

3,192 of the children born during the year died before reaching the age of 12 months, the cause of death being 10 per cent. Infectious Diseases, 14 per cent. Diarrhœa, 10 per cent. Diseases of the Nervous System (Convulsions) and 44·8 Respiratory Diseases.

The death, of the majority of children born, in the first month after birth is due to Debility, *i. e.*, want of vitality, premature births, wilful or ignorant neglect, and the method adopted by the women attending the labour.

In the 2nd group:—1—6 months:—the causes are: Rsepiratory Diseases which give the highest mortality, Diseases of the Nervous System, Debility, Diarrhœa, or in other words exposure and defective feeding.

In the 3rd group :—7—12 months.:—Respiratory Diseases and Diarrhœa are the chief causes, or in other words, exposure and defective feeding.

It is impossible in this report to go into all the causes which directly or indirectly affect the Infant Mortality, so much has already been said in previous reports bearing on this subject.

As previously stated, the per centage of the cause of death to the total is nearly the same as in Glasgow, where Registration of the cause of death is more accurate, showing that in spite of the fact that in Bombay the majority of these children are not certified by a medical man the causes are verified and are much more reliable than at first sight would appear.

But it is the number of deaths at these ages compared to the number born which is so appalling, and in my last report I said that these enquiries by the nurses and the dispensaries will continue, and when more data are available it may be possible to suggest some practical remedies.

Practical Remedies.

The practical remedies I suggest are :—(1) the provision of Lying-in-Hospitals for the poor, and free medical attendance and provision of a nurse before and after child-birth: the provision of Lying-in-Hospitals will, by giving the mother good food, nursing and skilled attendance, do much towards giving the infant a start in life and enable the mother to provide breast milk to support the child; (2) the education of the native midwives at the hospital and the registration and licensing of these women: the control over the native women who attend confinements is of the greatest importance, and a hospital such as I suggest would do a great deal in the direction of training such women and it would provide outdoor qualified women free, or at a small fee, who would be able to attend and advise the mother during and after confinement; (3) the introduction of a Section of the Act so as to prevent a woman without a certificate and licence to attend on a confinement: only women thus trained should be allowed to attend confinements and all such women licensed and registered; (4) the provision of Municipal milk depôts where women could obtain pure milk at a small cost: this subject was dealt with by me exhaustively on previous occasions; but my suggestion was not accepted by the Corporation.

The above are some practical suggestions for the reduction of Infant Mortality, the reduction of mortality in women during puerperal state and the improvement of the health and physique of the child.

They are all in force in most cities of Europe and America where the state acknowledges its duty towards the people. A great deal is done by philanthropy and much by State-aided Institutions; but much is done with the result that the Infant Mortality has been greatly reduced.

STATEMENT SHOWING BY SECTION THE RATIO OF DEATHS AMONG CHILDREN UNDER ONE YEAR PER 1,000 OF BIRTHS IN 1908.

Ward.	Sections.	Rate of infant mortality per 1,000 births.	Ward.	Sections.	Rate of infant mortality per 1,000 births.
A	Upper Colaba	277·7	E	Mazagon	365·3
	Middle and Lower Colaba.	449·7		Tarwadi	516·3
	Fort, Southern	300·0		2nd Nagpada	474·3
	Fort, Northern	410·2		Kamathipura	514·4
	Esplanade	868·7		Tardeo	407·3
B	Mandvi	680·6		Byculla	340·1
	Chukla	447·8		1st Nagpada	432·0
	Umarkhadi	581·1	F	Parel	446·2
	Dongri	598·5		Sewri	508·3
C	Market	513·0		Sion	436·7
	Dhobi Talao	395·3	G	Mahim	308·8
	Fanaswadi	431·6		Worli	404·4
	Bhuleshwar	633·3		Harbour and Docks, Railways and Homeless	500·0
	Khara Talao	513·3			
	Kumbharwada	539·4			
D	Khetwadi...	414·7			
	Girgaum	503·3			
	Chowpati...	370·3			
	Walkeshwar	368·4			
	Mahalakshmi	353·8			

DEATHS AMONGST CHILDREN UNDER 1 YEAR BY RACES IN 1907 AND 1908.

RACE OR CASTE.	1907.			1908.		
	Deaths under 1 year.	Number of births registered.	Infant mortality per 1,000 of births.	Deaths under 1 year.	Number of births registered.	Infant mortality per 1,000 of births.
Hindus: Jains	203	398	510·0	240	212	1,132·0
Hindus: Brahmins	261	353	739·3	252	352	715·9
Hindus: Lingaits	24	24	1,000·0	44	18	2,444·4
Hindus: Bhatias	63	149	422·8	72	146	493·1
Hindus: Hindus of other Castes.	3,986	9,280	429·5	4,309	9,715	443·5
Hindus: Hindus, Low Caste ...	1,351	2,826	478·0	1,565	3,334	469·4
Mussalmans	1,629	3,946	412·8	1,791	3,881	461·4
Parsees	316	1,333	237·0	286	1,240	230·6
Jews	53	200	265·0	44	196	224·4
Native Christians	320	677	472·6	393	778	505·1
Eurasians...	17	112	151·7	31	75	413·3
Europeans	41	215	190·7	41	203	201·9
Negro Africans	6	11	545·4	3	3	1,000·0
Buddhists	1	4	250·0	...	6	...
Other and unknown Castes ...	5	7	714·2	6	7	857·1
Total ...	8,276	19,535	423·6	9,077	20,166	450·1

DEATHS AMONG CHILDREN UNDER 1 YEAR BY MONTHS DURING 1908.

MONTHS.	Males.	Females.	Total mortality under one year.
January	377	314	691
February	395	323	718
March	450	439	889
April	431	425	856
May	402	424	826
June	419	410	829
July	435	359	794
August	406	327	733
September	378	310	688
October	394	344	738
November	338	298	636
December	336	343	679
Total...	4,761	4,316	9,077

The birth-rate was as in 1907 normal to the end of January,—1,870 births being registered in that month; then it declined till the end of May falling to 1,399 in that month. It then rose to 1,540 in June, to 1,681 in August, 1,877 in October, 1,966 in November and 2,060 in December. The highest number was registered in the 4th quarter, and though lower than in the same quarter of 1907, it was higher than in the corresponding quarter of previous years. Birth rate by Months.

The birth-rate on the whole was higher in the year under review than in 1907: the increase came from Hindus, Native Christians, and Europeans. As in the year previous, the highest birth-rate (36·51) was registered among the Jews. Comparison with the figures for 1906 and 1907 shows that there has been a steady drop in the rate among Mussalmans; and though Parsees showed a slight increase in 1907, the birth-rate among them in 1908 fell far below that of 1906. Among Native Christians though higher than in 1907, it was almost the same as in 1906; and among Europeans it was higher than in 1906 though it fell slightly below that of 1907. Birth rate by Races.

NUMBER OF BIRTHS AND BIRTH-RATES BY CASTES IN 1906, 1907 AND 1908.

Race or Caste.	1906.		1907.		1908.	
	Number of Births.	Annual rate per 1,000 of population.	Number of Births.	Annual rate per 1,000 of population.	Number of Births.	Annual rate per 1,000 of population.
Hindus. Jains	378	19·89	398	18·45	212	19·50
Brahmins	358		353		352	
Lingaits	16		24		18	
Bhatias	140		149		146	
Hindus of other Castes	10,019		9,280		9,715	
Hindus, Low Caste ...	3,135		2,826		3,334	
Mussalmans	4,174	24·74	3,957	23·45	3,884	23·02
Parsees	1,298	26·58	1,333	27·30	1,240	25·39
Jews	200	37·26	200	37·26	196	36·51
Native Christians	777	25·79	677	22·40	778	25·74
Eurasians	81	20·71	112	28·63	75	19·17
Europeans	182	12·66	215	14·95	203	14·12
Negro Africans	...	...	...	...	...	...
Buddhists	4	14·08	4	14·08	6	21·12
Other and unknown Castes ...	7	875·00	7	875·00	7	875·00
Total...	20,769	21·24	19,535	19·97	20,166	20·62

TABLE SHOWING THE NUMBER OF BIRTHS AND BIRTH-RATE PER 1,000 OF POPULATION, REGISTERED IN THE FOLLOWING YEARS.

YEAR.	Number of births registered.	Birth-rate per 1,000 of population.	YEAR.	Number of births registered.	Birth-rate per 1,000 of population.
1891	15,518	18·88	1900	12,688	15·43
1892	15,485	18·84	1901	13,520	17·42
1893	15,218	18·51	1902	17,599	22·67
1894	15,058	18·32	1903	16,375	21·10
1895	15,684	19·08	1904	19,556	25·20
1896	15,890	19·33	1905	19,141	24·66
1897	9,336	11·36	1906	20,769	21·24
1898	10,784	13·12	1907	19,535	19·97
1899	10,624	12·92	1908	20,166	20·62

Birth-rate by Sections

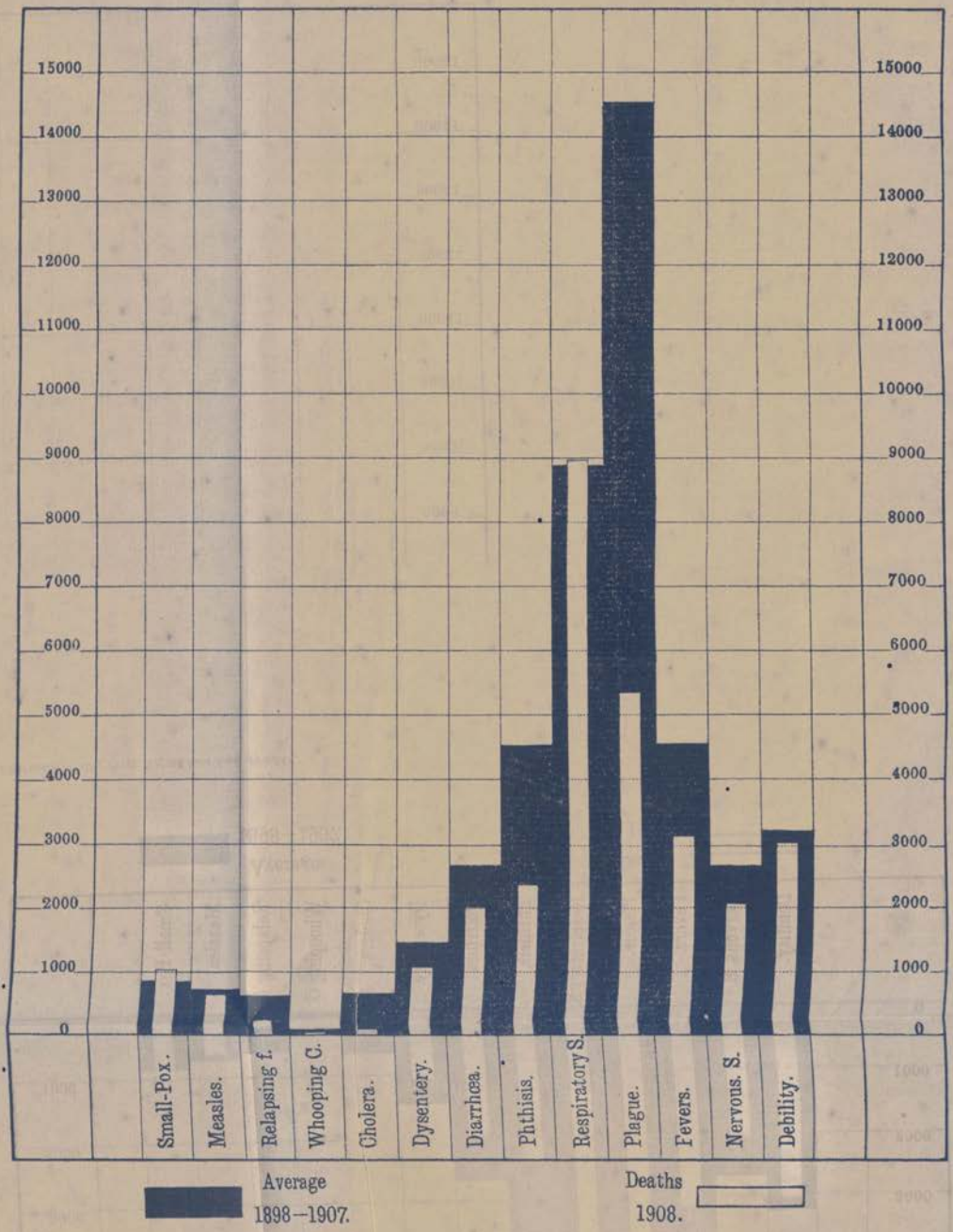
The highest birth-rate recorded was 33·41 for Byculla Section; next come Mazagaon and Tarwadi with 30·31 and 30·21; then follows Mahim with 27·10 which gave the highest birth-rate of 32·33 in 1907. Then follow Worli, Tardeo, Kamathipura, 2nd Nagpada and others. The lowest rate for the year is 5·07 against 10·14 in 1907 in Fort Southern. The Sections which show an appreciably higher rate than last year are Dongri, Fanaswadi, Kumbharwada and Mahaluxmi; Mazagaon, Tarwadi, Kamathipura and Byculla; Parel, Sewri, Sion, and Worli. The rate for Upper Colaba is the same as in 1907 but in other Sections there is a decline.

STATEMENT SHOWING THE NUMBER OF BIRTHS BY SECTIONS FOR THE YEAR 1908.

Ward.	Sections.	Number of births.	Annual rate of births per 1,000 of population.
A	Upper Colaba	90	23·84
	Middle and Lower Colaba	249	16·26
	Fort, Southern	20	5·07
	Fort, Northern	568	17·73
	Esplanade	160	14·52
B	Mandvi	523	13·70
	Chukla	527	17·94
	Umarkhadi	943	17·59
	Dongri	695	21·27
C	Market	382	10·81
	Dhobi Talao	678	18·52
	Fanaswadi	424	14·50
	Bhuleshwar	510	13·37
	Khara Talao	563	20·90
	Kumbharwada	595	18·14
D	Khetwadi	610	18·16
	Girgaum	443	15·57
	Chowpati	189	14·50
	Walkeshwar	152	11·98
	Mahalakshmi	472	19·14
E	Mazagon	936	30·31
	Tarwadi	794	30·21
	Second Nagpada	556	25·25
	Kamatipura	933	25·57
	Tardeo	734	26·03
	Byculla	2,549	33·41
	First Nagpada	81	24·28
F	Parel	995	21·18
	Sewri	360	22·52
	Sion	751	24·61
G	Mahim	845	27·10
	Worli	1,837	26·43
	Harbour and Docks, Railways and Homeless	2	·06
	Total ...	20,166	20·62

1908.

DIAGRAM—Number of deaths from the Zymotic and other death causes in 1908 contrasted with the average number of deaths from the same causes during the last 10 years.



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As in the past, the Registrars verified every birth registered by the Birth Karkuns, and the Visiting Nurses visited the newly-born children in their respective Sections, and submitted monthly reports embodying the results of their enquiry into the history of the mother and child during the antenatal period and their condition after confinement and during the first months of infant life. Visiting Nurses.

The total number of deaths registered during the year was 38,271 against 38,687 in 1907, being in the proportion of 39·13 per 1,000 of the population of 1906 as against 39·56 in 1907. The figure is less by 416 than in 1907, and 8,231 than the average of the last five years. The year's bill of mortality was thus the lightest since the advent of Plague (in 1896) which contributed in the year under report 5,361 deaths against 6,389 in 1907. The rate of mortality exclusive of still-born was 39·13. Total Mortality.

TABLE SHOWING THE TOTAL NUMBER OF DEATHS AND DEATH-RATE PER 1,000 OF POPULATION REGISTERED DURING THE FOLLOWING YEARS.

YEAR.	Number of deaths registered.	Death-rate per 1,000 of population.	YEAR.	Number of deaths registered.	Death-rate per 1,000 of population.
1891	23,847	29·01	1900	79,350	96·55
1892	26,518	32·26	1901	59,495	76·66
1893	23,142	28·16	1902	48,414	62·38
1894	27,370	53·25	1903	50,513	65·09
1895	25,081	30·52	1904	42,676	54·99
1896	33,451	40·71	1905	47,762	61·54
1897	47,896	58·28	1906	52,874	54·07
1898	51,961	63·23	1907	38,687	39·56
1899	56,434	68·07	1908	38,271	39·13

It has, however, to be observed that the excessive fatality which accompanied the prevalence of Small-pox and Measles especially during the first half of the year greatly swelled the figure of gross mortality, in as much as 1,026 deaths were occasioned by the former and 653 by the latter, being 940 and 546 more than in the year preceding: nor can the sudden appearance of Malarial Fever in the 3rd quarter of the year be overlooked in this connection causing as it did nearly 200 deaths in excess of those in 1907.

The year under report witnessed a considerable fall in the number of deaths from fevers excepting the Malarial as also in that from Plague. But this decrease was more than counterbalanced by an increase in the number of deaths from Small-pox and Measles. Still, the deaths from the Principal Zymotic Diseases were 11,093 being 1,100 less than in 1907, with a death-rate of 11·34 against 12·46 in the year preceding. A glance at the diagram will show that the mortality from these diseases in 1908 fell far below the average mortality from the same causes of the last ten years. Mortality from Zymotic Diseases.

TABLE SHOWING THE NUMBER OF DEATHS FROM PRINCIPAL ZYMOTIC DISEASES IN 1907 AND 1908.

NAME OF THE DISEASE.	Number of deaths registered in 1907.	Number of deaths registered in 1908.
Small-pox	86	1,026
Measles	107	653
Plague	6,389	5,361
Enteric Fever	116	111
Malarial Fever	149	331
Ague and Remittent Fever	2,951	2,706
Relapsing Fever	417	255
Influenza	1	.....
Whooping Cough	13	15
Diphtheria	.....	3
Cholera	439	95
Dysentery	1,141	1,177
Puerperal Septicœmia	384	360
Total...	12,193	11,093

Mortality in Hospitals.

Subjoined is a comparative statement, showing the number of deaths during 1907 and 1908 in the several hospitals in the city, from which it will appear that in the year under report such deaths numbered 3,548 against 3,508 in the year preceding, equal to 9·27 per cent. to the total mortality of the city against 9·06 for 1907.

HOSPITAL DEATHS AS COMPARED WITH DEATHS IN THE CITY IN 1907 AND 1908.

DISEASES.	1907		1908	
	Hospital deaths.	Total mortality.	Hospital deaths.	Total mortality.
Still-born	250	1,836	313	1,918
Small-pox	17	86	268	1,026
Measles	2	107	5	653
Plague	579	6,389	491	5,361
Fevers	322	3,633	293	3,403
Cholera	69	439	13	95
Diarrhœa and Dysentery	364	3,489	390	3,184
Puerperal Septicœmia	23	384	16	360
Leprosy	76	89	64	89
Premature Birth	102	186	97	179
Other General diseases	552	7,281	593	7,644
Nervous System	109	1,863	105	2,083
Circulatory System	73	362	69	330
Phthisis	199	2,877	201	2,387
Other diseases of the Respiratory System ...	347	9,022	362	8,954
Digestive System	223	1,063	162	1,099
Urinary System	65	274	65	254
Generative System	31	164	31	152
Other Local diseases	52	146	53	168
Injuries	303	813	270	808
Unspecified Causes	.....	20	.....	42
Total ...	3,508	38,687	5,548	38,271

Principal Diseases and their contribution to Total Mortality.

The Diseases of the Respiratory System contributed the largest number of deaths to the year's mortality: being 8,954 against 9,022 in the previous year giving the death-rate of 9·15 against 9·22 per 1,000 of population, and the percentage of 23·39 against 23·32 to the total mortality. Next in order is Plague which caused 5,361 deaths against 6,389 in 1907, with the death-rate of 5·48 per 1,000 of population against 6·53: the percentage to the total mortality being 14·00 against 16·51 in the year preceding. Then follow Fevers, Phthisis, Diseases of the Nervous System, and Diarrhœa, with respective death-rates of 3·48, 2·44, 2·13 and 2·05 per 1,000.

DIAGRAM—SHOWING PERCENTAGES OF DEATHS FROM PRINCIPAL CAUSES TO THE TOTAL MORTALITY OF BOMBAY IN 1908.

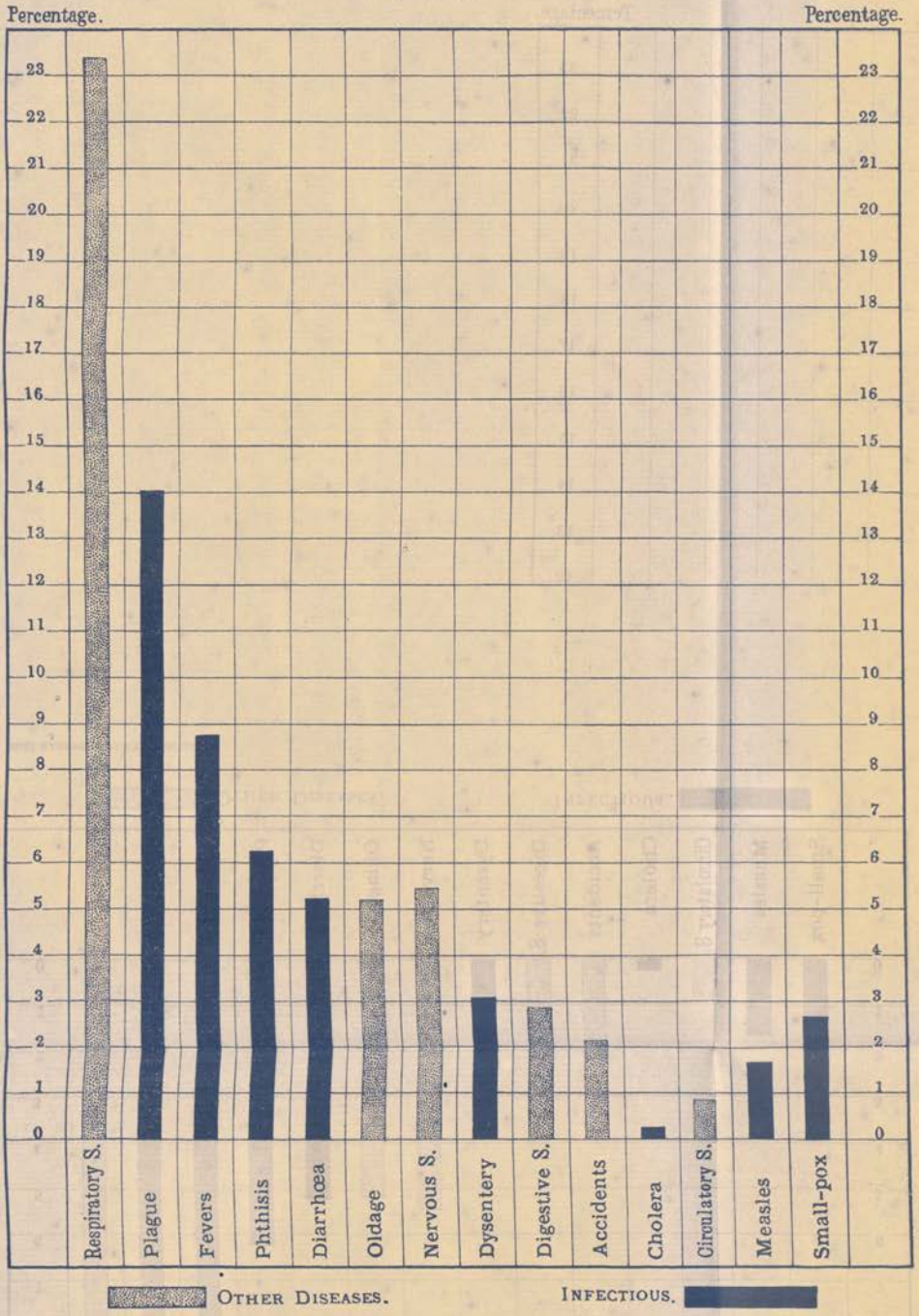

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TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SOME OF THE PRINCIPAL CAUSES OF DEATH IN 1907 AND 1908.

CAUSES OF DEATH.	1907.		1908.	
	Number of deaths registered.	Rate of mortality per 1,000 of population.	Number of deaths registered.	Rate of mortality per 1,000 of population.
Small-pox	86	·08	1,026	1·04
Measles	107	0·10	653	·66
Fevers (Including Scarlet, Enteric, Malaria, Ague, Remittent and Relapsing)...	3,633	3·71	3,403	3·48
Cholera	439	·44	95	·09
Plague	6,389	6·53	5,361	5·48
Phthisis	2,877	2·94	2,387	2·44
Diseases of the Nervous System	1,863	1·87	2,083	2·13
Do. Respiratory System	9,022	9·22	8,954	9·15
Diarrhœa	2,348	2·48	2,007	2·05
Dysentery	1,141	1·16	1,177	1·20
Accidents	813	·83	808	·82
All other causes (except Still-born)	9,969	10·19	10,317	10·55
Total...	38,687	39·56	38,271	39·13

Mortality by Months.

The fluctuations in the City's mortality according to months are indicated in the subjoined statement : a steady rise is noticeable from January to May when the mortality fell from 3,751 to 2,619 in June, and 2,542 in July with a slight rise in August, October and December. The highest mortality was reached in April and the lowest registered in November.

The total number of deaths for each month from August to the end of the year was less than in the corresponding months of 1907. In the earlier months of the year the prevalence of Smallpox and Measles which was characterised by excessive fatality accounts for the heavier mortality as compared with the corresponding months of the last year. The preponderance of deaths during May and June over those in the corresponding months of 1907 is explained by the longer duration of Plague than usual.

TABLE SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES BY MONTHS IN 1907 AND 1908.

MONTHS.	Number of deaths from all causes exclusive of Still-born in 1907.	Number of deaths from all causes exclusive of Still-born in 1908.
January	2,956	3,044
February	3,335	3,502
March	5,499	4,878
April	4,643	4,907
May	2,989	3,751
June	2,335	2,619
July	2,413	2,542
August	3,146	2,574
September	3,059	2,515
October	2,860	2,750
November	2,609	2,458
December	2,843	2,731
Total ...	38,687	38,271

TABLE SHOWING THE DAILY NUMBER OF ATTACKS AND DEATHS FROM PLAGUE AND THE TOTAL MORTALITY EXCLUDING STILL-BORN IN 1908.

DATE.	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.
1	...	...	80	2	3	94	27	25	149	89	75	178	73	61	155	17	18	114	3	2	74	3	5	87	5	4	91	2	2	90	2	2	100	...	...	94
2	3	3	98	6	4	112	31	28	129	87	70	198	65	64	151	15	15	85	3	1	60	3	3	83	2	1	94	3	3	87	1	1	94	2	2	90
3	2	2	90	5	5	89	42	35	158	79	71	176	60	57	146	16	11	77	1	1	78	3	2	85	4	4	75	5	4	81	2	1	81	...	...	95
4	1	1	101	11	9	116	34	31	147	64	52	141	47	43	144	19	12	100	4	2	61	7	5	72	4	4	84	4	2	79	2	1	93	3	3	108
5	4	2	91	3	6	130	34	30	142	85	80	186	73	49	169	11	8	92	6	6	82	9	6	92	5	5	86	2	3	93	...	...	74	...	...	82
6	..	...	82	13	8	114	43	42	170	76	74	167	56	42	141	16	7	94	10	8	89	6	5	88	5	6	82	4	4	107	4	3	78	1	1	82
7	3	1	88	7	3	105	44	37	147	77	66	166	51	41	130	12	9	95	...	4	84	7	6	68	3	2	73	2	2	80	1	1	86	...	...	91
8	2	2	116	9	9	108	44	42	151	91	84	184	30	31	126	13	17	92	6	6	81	7	6	75	1	1	78	1	...	80	2	1	75	2	1	81
9	2	1	95	5	4	123	44	39	144	56	55	151	36	38	125	8	9	92	6	5	88	4	3	83	4	4	87	1	1	83	3	1	68	1	2	91
10	3	2	90	7	7	117	37	30	127	72	56	151	46	41	144	7	7	97	6	5	90	5	5	90	4	4	87	2	2	77	1	...	69	1	...	84
11	1	1	81	8	7	109	48	35	164	56	49	157	35	36	119	6	4	94	5	6	79	7	5	76	3	2	69	3	2	68	1	1	83	...	1	81
12	2	1	95	6	5	126	53	46	152	60	51	153	35	27	120	9	6	103	2	1	71	6	7	88	3	2	102	...	...	85	...	...	71	...	...	92
13	1	1	90	12	7	103	55	50	166	39	44	150	36	37	147	8	10	96	3	4	72	7	5	73	3	4	78	4	2	89	1	1	75	1	...	92
14	1	1	102	6	6	111	52	42	151	60	46	157	31	27	121	5	3	91	5	5	90	10	9	100	2	3	84	3	...	86	2	3	75	2	4	88
15	2	2	115	19	10	119	53	49	158	72	55	176	28	22	121	3	6	68	4	4	68	2	4	69	3	6	74	3	3	99	2	1	78	3	2	100
16	7	4	95	10	5	135	43	41	157	60	53	160	14	15	105	8	6	81	3	2	67	6	7	93	5	4	81	2	3	93	1	1	91	...	...	79
17	2	3	106	15	21	137	48	40	144	53	48	167	20	20	99	5	5	85	5	6	106	5	5	90	5	4	88	5	4	97	...	...	80	1	1	108
18	1	2	96	16	16	121	46	49	144	67	56	145	20	16	109	6	4	77	9	7	93	5	4	89	4	2	71	3	1	78	1	1	87	1	1	75
19	5	4	108	25	21	141	46	42	146	59	58	168	31	31	123	3	4	81	3	4	82	5	3	87	3	4	71	6	5	95	...	...	66	...	...	85
20	4	3	100	21	16	117	57	46	165	52	44	150	28	23	101	5	4	86	7	6	87	2	2	92	3	2	83	...	...	74	1	1	88	2	1	84
21	4	1	95	15	14	116	44	36	143	60	58	155	22	19	98	3	3	75	11	6	78	5	2	71	8	6	86	3	5	93	1	1	85	...	1	96
22	7	4	101	19	13	115	55	49	150	77	55	154	26	20	110	5	4	82	2	1	96	2	3	92	5	4	81	1	1	78	1	1	69	3	1	78
23	2	2	108	28	23	138	62	52	150	65	52	157	27	25	94	2	2	68	7	10	89	11	6	67	5	4	96	2	1	108	1	1	82	2	1	95
24	3	3	97	21	17	143	75	61	174	82	81	175	18	17	83	...	...	88	6	3	88	3	6	81	2	3	92	1	2	89	...	...	84	3	2	79
25	8	4	103	18	17	137	67	58	155	75	67	165	26	20	116	4	4	88	2	1	64	2	5	71	5	5	72	2	2	93	2	1	79	...	...	77
26	9	8	97	23	19	141	63	55	167	77	71	177	29	23	114	3	3	98	8	8	100	5	2	67	4	3	71	...	...	86	1	...	85	1	...	97
27	4	6	84	40	32	132	92	83	186	73	68	174	18	20	98	6	6	96	2	2	86	6	4	70	4	4	91	2	1	106	...	...	92	...	...	94
28	2	2	106	21	23	128	66	60	159	73	63	161	37	35	118	4	4	71	7	3	89	8	5	83	5	5	88	...	1	89	2	2	80	1	1	86
29	6	4	110	19	21	131	90	73	210	67	58	146	24	20	93	5	4	72	7	10	91	4	3	90	3	3	89	4	3	84	1	1	92	...	...	90
30	7	6	103	...	...	...	70	74	173	61	54	162	15	15	120	12	9	81	3	3	73	5	4	102	3	2	111	...	...	93	1	1	88	...	...	78
31	10	4	106	...	...	...	95	75	200	...	...	...	18	18	111	...	..	...	9	3	86	3	6	95	...	...	...	2	3	110	...	...	...	1	1	79
Total ...	108	80	3,044	413	351	3,502	1,060	1,455	4,878	2,064	1,817	4,907	1,075	953	3,751	236	204	2,619	155	135	2,542	163	143	2,574	120	107	2,515	72	62	2,750	37	28	2,458	31	26	2,731

Attacks.	Deaths.	Total mortality.
6,134	5,361	38,271

Below is a table of deaths by months among those born in Bombay and elsewhere: showing that out of 38,271 persons whose deaths were registered in the year, 14,811 were born in Bombay, 22,696 out of it, and of 764 the place of birth could not be known. Mortality by place of birth.

TABLE SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES EXCLUSIVE OF STILL-BORN ACCORDING TO PLACE OF BIRTH IN 1908.

MONTHS.	Deaths amongst persons born in Bombay.	Deaths amongst persons born elsewhere.	Deaths amongst persons whose birth place is unknown.	Total.
January	1,056	1,924	64	3,044
February	1,217	2,189	96	3,502
March	1,650	3,152	76	4,878
April	1,713	3,124	70	4,907
May	1,450	2,253	48	3,751
June	1,246	1,337	36	2,619
July	1,181	1,321	40	2,542
August	1,107	1,427	40	2,574
September	1,048	1,413	54	2,515
October	1,102	1,565	83	2,750
November	980	1,401	77	2,458
December	1,061	1,590	80	2,731
Total...	14,811	22,696	764	38,271

Referring to the table of deaths by races it will be found that the highest death-rate for the year, *viz.*, 54·63 per 1,000 of population was registered among Mussalmans against 51·66 (the highest) in 1907 : 502 deaths being in excess of those in the previous year; this is partly accounted for by a large number of deaths from Small-pox among pilgrims from Mecca during the first quarter of the year. Next come as in last year the Native Christians who registered the death-rate of 48·10 against 42·41 in 1907. The prevalence of Small-pox with special virulence among the community who are generally not vaccinated in infancy explains this higher incidence of fatality. The lowest death-rates were registered amongst Europeans and Buddhists, *viz.*, 16·20 and 10·56 respectively against 15·30 and 38·73. Hindus and Jews registered a lower rate than last year, 36·42 and 31·11 against 38·01 and 34·84. The death-rate among Parsees was 27·19 against 26·81 in 1907. All communities except Mussalmans and Native Christians give the death-rate below the rate of the City's total mortality (39·13). Mortality by Races.

TABLE SHOWING BY CASTES THE NUMBER OF DEATHS FROM ALL CAUSES IN 1907 AND 1908.

RACE OR CASTE.	1907.		1908.	
	Number of deaths from all causes.	Rate of mortality per 1,000.	Number of deaths from all causes.	Rate of mortality per 1,000.
Hindus... Jains ... ... Brahmins ... ... Lingaits ... ... Bhatias ... ... Hindus of other Castes ... Hindus Low Caste	26,847	38·01	25,725	36·42
Mussalmans	8,714	51·66	9,216	54·63
Parsees	1,309	26·81	1,328	27·19
Jews	187	34·84	167	31·11
Native Christians...	1,282	42·41	1,454	48·10
Eurasians	107	27·38	135	34·51
Europeans	220	15·30	233	16·20
Negro Africans	.....	.....	.....	.....
Buddhists	11	38·73	3	10·56
Other and unknown castes	10	.....	10	.....
Total...	38,687	39·56	38,271	39·13

Mortality by Sex and Age Group.

Of the total number of deaths registered during the year (38,271), 21,645 were of males, and 16,626 of females against 21,958 and 16,729 respectively in 1907, giving the percentages of 56·5 and 43·4 to the total mortality against 55·7 and 45·8 of the previous year. A survey of figures in the subjoined table will show that excepting the age groups of 1 to 5 and 5 to 10 years, there is a preponderance in all the other groups of deaths among males over females; in the two groups the predominance is reversed: this is found to be usual.

The highest percentage of deaths is found among children under 1 year, namely 23·71 against 21·39 in 1907 and 21·00 in 1906. This subject has already been dealt with above and practical remedies suggested.

Persons between 20 and 30 years of life contributed the next higher rate, 16·92 against 18·78 in 1907; the lowest death-rate is given by the age group of 5 to 10 years. The male and female deaths were in the proportion of 35·31 and 45·57 per 1,000 of the sex population.

PERCENTAGE OF INFANT DEATHS UNDER 1 YEAR OF AGE TO THE TOTAL MORTALITY DURING THE FOLLOWING YEARS.

Year.	Infant mortality under 1 year of age.	Total Mortality.	Percentage of Infant deaths to the total mortality.
1903	8,718	50,513	17·25
1904	8,981	42,676	21·04
1905	10,664	47,762	22·32
1906	11,106	52,874	21·00
1907	8,276	38,687	21·39

PERCENTAGE TO THE TOTAL MORTALITY BY AGE PERIODS IN 1908.

Age Periods.	Total Mortality.	Percentage.	Males.	Females.
Under 1 year	9,077	23·71	4,761	4,316
1 Year and under 5 years	4,173	10·90	2,038	2,135
5 Years and under 10 years	1,408	3·67	657	751
10 Years and under 15 years	1,694	4·42	888	806
15 Years and under 20 years	3,152	8·23	1,694	1,458
20 Years and under 30 years	6,476	16·92	3,944	2,532
30 Years and under 40 years	4,198	10·96	2,799	1,399
40 Years and under 50 years	2,574	6·72	1,766	808
50 Years and under 60 years	2,471	6·45	1,520	951
60 Years and upwards	3,038	7·93	1,568	1,470
Unspecified ages	10	·02	10	...
Total...	38,271	100·00	21,645	16,626
Rate per 1,000 of Sex population ...			35·31	45·57

Plague Mortality.

As in the preceding year a diagram is annexed representing the average mortality from Plague since its outbreak in 1896 contrasted with the Plague mortality in the year under report.

The most marked feature of the year's statistics is the diminished mortality from Plague revealing an appreciable improvement on the record of the previous year. The total number of deaths was the lowest registered since the advent of Plague: being 5,361 against 6,389 in 1907, yielding the death-rate of 5·48 against 6·53; the number of attacks being 6,134 against 7,353. Plague was this year later in starting than usual, and therefore longer in duration. To the end of February the daily average was 9 attacks and 7 deaths against 15 attacks and 12 deaths in 1907. The epidemic reached its zenith in April, registering a total of 2,064 attacks and 1,817 deaths againt the maximum of 2,773 attacks and 2,407 deaths in March 1907. The number of Plague deaths fell from 953 in May to 204 in June to 135 in July and 62 in October; the corresponding figures for 1907 being 652, 118, 74 and 105 respectively. It was lowest in the last two months of the year being 28 and 26 against 70 and 49 in 1907. The highest number of deaths registered on a single day was 84 on the 8th and 24th April: the highest in the previous year was 107 on the 23rd March. In all the months except May to August the mortality was less than that for the corresponding months of 1907.

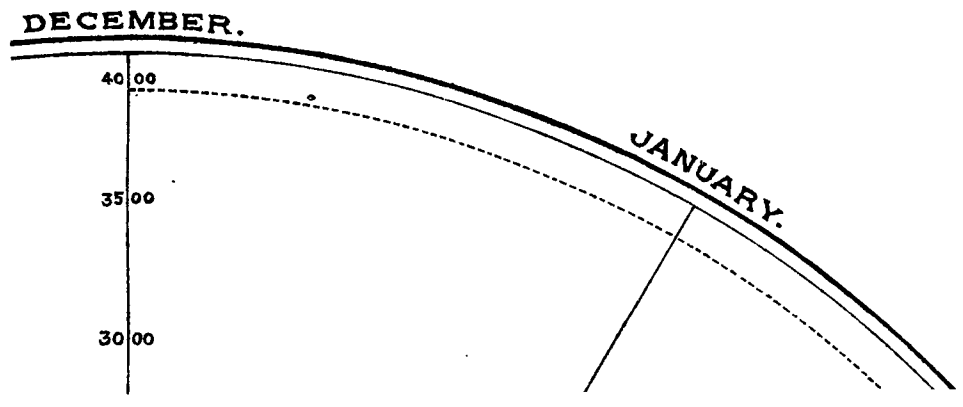

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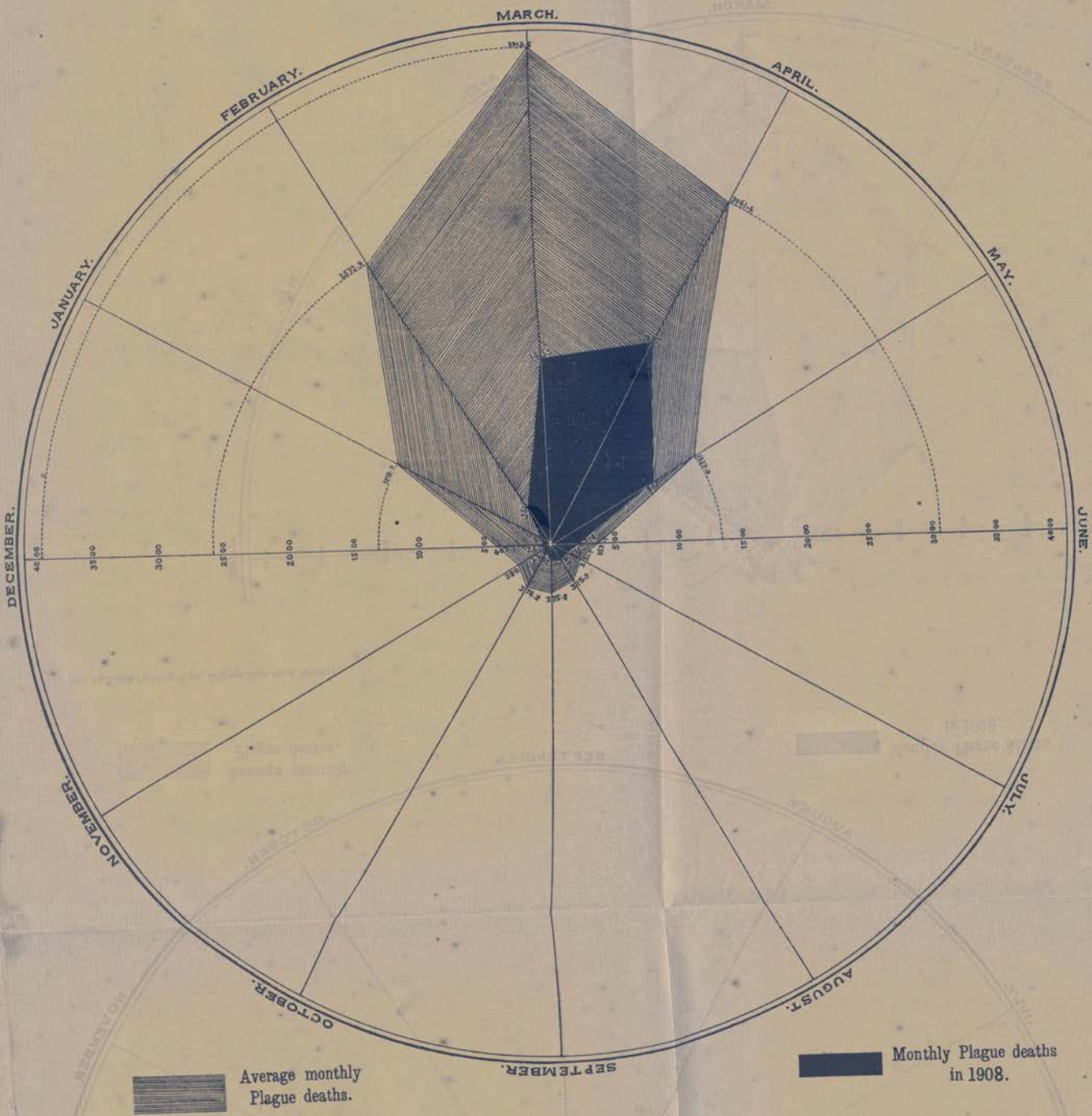
DIAGRAM — Monthly Plague deaths in 1908 contrasted with the average monthly Plague deaths in last 10 years.



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COMPARATIVE STATEMENT OF PLAGUE DEATHS BY MONTHS DURING 1907 AND 1908.

MONTHS.	1907.	1908.
January	171	80
February...	591	351
March	2,407	1,455
April.	1,962	1,817
May	652	953
June	118	204
July	74	135
August	72	143
September	118	107
October	105	62
November	70	28
December	49	26
TOTAL ...	6,389	5,361

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE REGISTERED SINCE 1896.

YEAR.	Number of Plague Attacks.	Number of Plague Deaths.	Death-rate from Plague per 1,000 of population.
1896	2,544	1,936	2·36
1897	13,314	11,003	13·39
1898	22,130	18,185	22·12
1899	19,451	15,796	19·22
1900	17,913	13,285	16·16
1901	21,006	18,736	24·14
1902	16,423	13,820	17·80
1903	23,344	20,788	26·78
1904	15,488	13,538	17·44
1905	16,308	14,198	18·29
1906	12,323	10,823	11·06
1907	7,353	6,389	6·53
1908	6,134	5,361	5·48

It has already been said that Plague exhibited a lower incidence of mortality in the year under review than in any previous year. The rate for the whole City per 1,000 of its population was 5·48 against 6·53 in 1907; and the Sections that exceeded this average were the following with the rates noted against them:— Plague by Sections.

Mandvi...	6·18
Umerkhadi	5·80
Dhobi Talao	8·71
Fanaswadi	8·24
Bhuleshwar	9·83
Khara Talao	7·23
Mazagon	8·32
Tarwadi	8·41
Byculla...	6·09
& Sewri...	6·56

Dongri, Kamatipura and Worli registered the rates of 4·71, 4·93 and 5·31, respectively, against 7·62, 7·81 and 5·42. Bhuleshwar gave the highest death-rate from Plague last year; it was the greatest sufferer also in the year under report. The highest number of Plague deaths (1,534) was contributed by the Sections of C Ward as in the past two years. Next in order of magnitude come the Sections of B and E Wards with 1,386 and 883 deaths.

Out of the total number of Plague deaths of 5,361, Hindus contributed so many as 4,212, Mussalmans 878 and all the other races together the small balance of 271; the corresponding figures for 1907 were 5,247, 842 and 300. Hindus were thus the greatest sufferers as usual, the death-rate being 5·96 against 7·43 in 1907; the Mussalman death-rate was 5·21 against 4·99 in the previous year and 7·99 in 1906. The lowest number of deaths was 2 and registered among Europeans, yielding the rate of ·13 against ·20 in 1907. Parsees and Native Christians showed the death-rates of 2·02 and 5·16 respectively. Plague by Races.

Plague by Age and Sex.

Plague mortality is generally heavier among males than among females, the number of deaths contributed being 3,647 and 1,714, respectively, against 4,359 and 2,030 in 1907; but females seem to be specially vulnerable between 5 to 10 years of age, 212 female children having died against 214 male ones, the respective death-rates being 5·83 against 6·36 per 1,000 of the sex population. Up to 5 years under all age groups, Plague deaths numbered 124; of these 68 were among males and 56 among females, showing the death-rates of 1·88 and 1·51.

Looking to the distribution of deaths according to different age periods, the heaviest mortality is found to have occurred between 10 to 50 years of age, *viz.*, 4,575 deaths; the balance of 786 deaths being distributed under all the other age groups.

Small-pox.

Small-pox was prevalent during the year and assumed the epidemic phase in the 1st quarter. It was largely imported, for facilities for such importation and subsequent dissemination exist as matters stand at present. Swarms of poor people arrive daily by land and sea wholly unprotected or insufficiently protected by vaccination; and though cases of Small-pox be detected and sent to Hospitals, the contacts enjoying unlimited freedom of intercourse act as carriers, and mixing and living with the people of the city, impart the disease and become centres of rapid dissemination. Time and again I have brought it to the notice of the Corporation and the Commissoner that to obviate or minimise the risk of the introduction of the disease from outside, it is necessary to impose some restriction on arrivals into the city. I have urged that persons coming in from places where Small-pox is prevalent should on arrival be made to submit to vaccination and re-vaccination; those persons arriving by sea and in contact with Small-pox on board a ship should not be allowed to land without vaccination; that by an amendment of the Act, re-vaccination between the ages of 8 and 11 should be made compulsory in the City. The neglect of these coercive sanitary measures is a danger to the health of the City. In my Report for the last Quarter of 1908, I showed how people have been found to be amenable to persuasion in this matter and showed also the weakness of the contention that compulsory re-vaccination would be opposed by the people.

Small-pox by Months.

During the year there were 1,859 attacks and 1,026 deaths from Small-pox against 211 and 86 in 1907, and 511 attacks and 276 deaths in 1906. January to March were months of increasing prevalence; April showed a slight decline, which steadily continued through succeeding months. In January there were 105 attacks and 37 deaths; the disease rapidly rose and reached the epidemic stage in the week ending 4th February and registered in the month 270 attacks and 108 deaths. This was chiefly due to the influx of Pilgrims from Mecca, among whom out of 110 imported cases of the 1st quarter so many as 107 were reported. The height was reached in March with 452 attacks and 248 deaths; then followed steady decline: from 411 attacks and 229 deaths in April to 134 and 89 in June, 37 and 28 in August; then the disease continued to the end of the year with slight fluctuations. November was the month of least prevalence with 8 attacks and 5 deaths.

Small-pox by Age and Sex.

Out of the total number of 1,026 deaths, 554 occurred among persons under 5 years of age; of these 236 were under 12 months, the incidence of fatality as usual being higher amongst adults than amongst children. The sex distribution was 601 males and 425 females.

Small-pox by Races.

Hindus of low caste contributed 136 deaths; those of other castes 531; Mussalmans 222 (of these 122 were among pilgrims from Jeddah), Native Christians 114, and Europeans 10. More females than males died amongst low caste Hindus, the figures being 80 and 56; but in all other cases the distribution was reversed; Mussalmans registered 75 deaths amongst females, Native Christians 37 and Europeans 1.

Small-pox by Sections.

The highest number of deaths from small-pox in a single Section was 113 and registered in Worli; next in descending order came Byculla with 99, Parel 93, Kamatipura 83, Dhobi Talao 55, Umerkhadi 53, Tardeo 43, Girgaum 24. Chowpati registered 3 deaths and Fort Southern 1. In Walkeshwar and Upper Colaba no death was recorded.

Vaccination.

Special and sustained efforts were put forth by this Department to reduce the prevalence of Small-pox throughout the year, as is witnessed by the much larger number of vaccinations and re-vaccinations performed. Special facilities were offered in this direction: Calves and vaccinators were sent twice a week to Malabar Hill in February and March; and Registrars of Districts made house to house visits in the worst infected localities and supplemented the work of the Vaccination Department; and by way of precautionary measures they visited chawls and houses even in districts where the infection had not spread and vaccinated and re-vaccinated children and adults.

Annexed is the abstract of monthly vaccinations done in 1908. It will appear that 19,219 primary vaccinations were performed, being 1,733 more than in 1907: 9,454 were males, and 9,765 females. The number re-vaccinated was 4,812 against 1,284 in 1907 and 1,756 in 1906; of this number 3,562 were males.

Abstract of Monthly Return of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1908.

PRIMARY VACCINATIONS.

Months.	Total Number of Persons Primarily Vaccinated.	Sex. Males.	Sex. Females.	Caste. Christians. Native Christians.	Christians. Europeans.	Christians. Indo-Europeans.	Christians. Total.	Hindus. Buddhists and Jains.	Hindus. Brahmins.	Hindus. Bhatias and Lohanas.	Hindus. Hindus of other Castes.	Hindus. Total.	Mussulmans. Mussalmans.	Mussulmans. Negro-Africans.	Mussulmans. Total.	Parsees.	Other Castes. Hindus Out castes.	Other Castes. Jews.	Other Castes. Total.
January ...	2,263	1,122	1,141	185	23	11	219	65	104	77	957	1,203	347	...	347	203	271	20	291
February ...	1,717	836	881	133	29	22	184	26	68	82	766	942	275	...	275	154	147	15	162
March ...	1,912	934	978	392	31	3	426	51	69	35	660	815	380	...	380	109	153	29	182
April... ...	1,483	770	713	98	17	...	115	17	51	25	667	760	276	...	276	48	260	24	284
May	1,172	569	603	59	11	1	71	11	35	23	604	673	125	...	125	13	252	38	290
June	1,441	681	760	62	8	...	70	23	37	21	780	861	157	...	157	34	307	12	319
July	1,532	744	788	64	8	...	72	20	49	22	855	946	183	...	183	81	244	6	250
August ...	1,262	601	661	56	11	...	67	13	44	18	677	752	188	...	188	65	173	17	190
September ...	1,275	631	644	40	6	...	46	13	43	20	649	725	198	...	198	31	266	9	275
October ...	1,397	678	719	56	16	..	72	16	46	13	803	878	94	...	94	85	307	11	318
November ...	1,963	973	990	91	16	...	107	49	63	40	964	1,116	349	...	349	119	255	17	272
December ...	1,802	915	887	57	10	2	69	29	59	63	887	1,038	339	...	339	143	199	14	213
		9,454	9,765	1,293	186	39	1,518	333	668	439	9,269	10,709	2,911	...	2,911		2,834	212	3,046
Grand Total.	19,219	19,219		1,518				10,709					2,911			1,035	3,016		

Months.	Age. Under one year. 3 months.	Under one year. 6 months.	Under one year. 12 months.	Under one year. Total.	Under six years. 23 months.	Under six years. 4 years.	Under six years. 6 years.	Under six years. Total.	Upwards. 9 years.	Upwards. 13 years.	Upwards. 24 years.	Upwards. 41 years.	Upwards. Total.	Results. Under one year. Successful.	Under one year. Failed.	Under one year. Unknown.	Under six years. Successful.	Under six years. Failed.	Under six years. Unknown.	Upwards. Successful.	Upwards. Failed.	Upwards. Unknown.	Total Results. Successful.	Total Results. Failed.	Total Results. Unknown.
January ...	141	595	910	1,616	277	243	43	563	22	15	17	...	54	1,489	11	146	468	1	74	32	...	22	2,009	12	242
February ...	123	484	677	1,284	203	169	15	392	15	13	12	1	41	1,175	1	109	337	1	51	23	1	12	1,540	3	175
March ...	103	508	714	1,325	222	271	28	521	23	15	27	1	66	1,155	13	157	353	11	158	32	3	31	1,540	27	346
April... ...	76	493	593	1,162	131	139	23	293	14	6	7	1	28	1,028	7	127	220	9	64	20	...	8	1,268	16	199
May	98	401	471	973	75	102	8	185	4	7	2	1	14	875	9	90	161	7	17	12	...	2	1,048	16	109
June	67	427	639	1,133	144	117	14	275	12	4	11	6	33	1,006	12	116	241	3	28	17	3	13	1,267	13	157
July	53	410	760	1,223	176	107	13	296	10	...	3	...	13	1,158	...	65	264	...	32	11	...	2	1,433	...	99
August ...	45	367	625	1,037	115	94	11	220	5	...	...	...	5	953	...	84	192	2	26	3	...	2	1,148	2	112
September ...	76	354	621	1,051	110	100	7	217	7	...	...	...	7	918	2	131	181	1	35	4	...	3	1,103	3	169
October ...	63	391	690	1,144	122	102	13	237	6	3	7	...	16	1,011	4	129	194	3	40	8	...	8	1,213	7	177
November ...	74	551	916	1,541	211	147	19	377	7	15	17	6	45	1,368	6	167	331	1	45	13	...	32	1,712	7	244
December ...	83	471	863	1,417	198	146	7	341	14	7	16	7	44	1,275	2	140	288	4	49	18	...	26	1,581	6	215
	1,002	5,455	8,479	14,936	1,979	1,737	201	3,917	139	85	119	23	366	13,411	67	1,461	3,253	43	622	198	7	161	16,862	117	2,244
Grand Total.	14,936				3,917				366					11,939			3,918			366			19,223		

Months.	Total.	Number of Operations in Excess of Persons.	RE-VACCINATIONS. Total number of Persons Re-vaccinated.	Sex. Males.	Sex. Females.	Result. Successful.	Result. Failed.	Result. Unknown.	Total.	Number of Operations in Excess of Persons.	Primary Results seen after the sending in of the last Monthly Return. Under one year.	Under six years.	Upwards.	Failed.	Total.
January ...	2,263	...	...	150	63	15	16	182	213	...	...	1	...	...	1
February ...	1,718	1	...	507	322	57	23	749	829	...	4	1	...	...	5
March ...	1,913	1	...	1,096	487	32	39	1,512	1,583	...	2	...	...	...	2
April... ...	1,483	...	...	532	126	68	45	545	658	...	...	...	...	...	...
May	1,173	1	...	384	118	69	49	384	502	...	7	...	...	...	7
June	1,442	1	...	263	32	22	18	255	295	...	1	...	...	...	1
July	1,532	...	...	104	16	18	15	87	120	...	5	...	...	...	5
August ...	1,262	...	...	86	18	22	27	55	104	...	2	...	...	...	2
September ...	1,275	...	...	86	21	10	11	86	107	...	...	...	...	...	...
October ...	1,397	...	...	158	22	11	25	144	180	...	4	1	...	...	5
November ...	1,963	..	...	65	12	3	5	69	77	...	3	1	...	...	4
December ...	1,802	...	...	131	13	18	37	89	144	...	...	1	...	...	1
				3,562	1,250	345	310	4,157			28	5	...	...	
Grand Total.	19,223	4	...	4,812		4,812			4,812	...	33				33

Measles.

Measles calls for special notice as it was epidemic in the earlier quarters of the year and caused in all 541 deaths in excess of those last year. It specially afflicted B, C, and E Wards, the number of deaths registered in them being 159, 128 and 167 respectively ; 65 occurred in F Ward and 94 in G. Its presence concurrently with Small-pox greatly augmented the City's mortality and is responsible for a large proportion of that among infants. While the total number of deaths from Measles was 653, 238 of these occurred among children upto 1 year ; and 347 in the age groups from 1 to 5 years ; 46 between 5 to 10 years ; the distribution by sex in these groups was 303 males and 328 females.

Cholera.

The City was comparatively free from the scourge till the closing month of the year. In the 1st quarter, there were only 9 attacks and 7 deaths ; in the 2nd, there were 27 cases out of which 18 proved fatal ; in the 3rd, 17 attacks and 11 deaths were registered. In the last quarter, 3 attacks and 1 death were recorded in October. In November Cholera was totally absent. But in December it was imported from Nasik, and on the 10th there was 1 case among the arrivals which proved fatal. The sudden rise and rapid decline is indicated by the following figures :—

	Attacks.	Deaths.	Importations.
Week ending 8th December	...	...	...
„ 15th „	18	16	17
„ 22nd „	29	23	12
„ 29th „	18	18	3
On the 30th December	1	1	...
„ 31st „	...	...	...

This importation was anticipated on account of the " Sinhasta " fair at Nasik which commenced there on the 31st of July last and attracted multitudes from different parts. The Municipal Authorities at Nasik had therefore been requested to forward timely intimation of the outbreak of any epidemic to facilitate precautionary measures. As soon as the Cholera case was detected among arrivals, medical men from this Department were detailed for inspection of incoming passengers at Dadar, Victoria and Byculla Railway Stations with instructions to send all Cholera cases to hospital for treatment. Government were requested to restrict the movement of people from infected areas and the Railway Authorities were asked to join hands. Thus any serious outbreak of Cholera in the City was averted and it was early stamped out by the adoption of timely and stringent measures.

Cholera by Sections.

The total number of deaths from Cholera during the year was 95 ; the Dhobi Talao Section registered the highest number of deaths, namely, 16 ; Bhuleshwar contributed 15 ; Girgaum 14 ; Sion 7 and Mandvi 5.

Cholera by Caste and Sex.

Amongst Hindus including Low Caste 80 deaths were recorded, 51 being of males and 29 of the other sex ; the balance of 15 came as under :—

	Male.	Female.
Parsees	...	4
Mussalmans	2	2
Native Christians	7	...

There was no death from Cholera in any other Community.

Fevers.

The fevers included under this general title are Scarlet, Enteric, Malaria, Ague and Remittent and Relapsing Fevers. The total number of deaths under this collective head was 3,403 ; out of which 111 were due to Enteric Fever, being 5 less than in the last year but 29 more than the average of the last 5 years; 331 were attributed to Malaria, being 182 more than in 1907 and 92 more than the average; 2,706 were referred to Ague and Remittent Fever, being 245 less than last year but 84 more than the average; 255 deaths were ascribed to Relapsing Fever, being 162 less than in 1907 and 82 less than the above average.

The course of fever mortality month by month is indicated below :—

1908.	Number of deaths from fevers.
January	318
February	310
March	299
April	257
May	230
June	217
July	238
August	270
September	296
October	407
November	311
December	250
Total	3,403

October witnessed the highest mortality from fevers and registered 407 deaths; in June the lowest figure was recorded, *viz.*, 217. January to June were months of diminishing prevalence; and July to October of increasing prevalence; thereafter a decline is again visible.

The following is the mortality from fevers by years :—

Years.	Number of deaths from fevers.
1895	6,404
1896	8,776
1897	6,951
1898	4,114
1899	5,063
1900	7,928
1901	7,921
1902	4,518
1903	2,333
1904	2,416
1905	2,878
1906	4,882
1907	3,633
1908	3,403

The figures indicate a decreasing mortality since 1907; there is a further reduction in the number of deaths by 230 below that of the previous year.

Malaria.

During the 3rd quarter of the year, a wave of Malaria severer than usual swept over India, and Bombay suffered in common with the rest. A and B Wards suffered most, and in the former especially Fort, North. Reports on the prevalence of Malaria and Anti-malarial measures taken and suggested, with an enumeration of the various breeding places in the City of the Malaria-bearing mosquitoes were from time to time submitted to the Commissioner and the Corporation : they were to the following effect :—

The importance of the disease in relation to its influence on the public health cannot be overestimated : it is not the death-rate that is appalling, the majority of cases are not immediately fatal, but the more or less permanent injury to the constitution resulting from neglect.

A careful examination of different localities in the City revealed several breeding places of mosquitoes :—

Mosquito-breeding places & Anti-malarial measures.

I. *The New Dock Works* :—Very frequent and extensive inspections of the works were made in company of the Port Trust Engineer and the Agent of the Dock Contractors: the measures comprised the cutting of all rank vegetation, the filling in of all pools where necessary and possible, and the frequent treatment of others with Pesterine by this Department; the issue of prophylactic doses of Quinine to the workmen. The authorities co-operated with this Department and did every thing that could be reasonably expected of them.

II. The deep excavation at the western extremity of the New General Post Office Buildings; letters were addressed to the Consulting Architect to Government who ordered the pool to be treated with kerosine twice weekly.

III. The Compound of St. George's Hospital, owing to the presence of rank vegetation and accumulation of barrels, empty tins and iron basins. The Physician-in-charge was addressed with a view to the removal of these.

IV. The yards of the B. B. & C. I. and the G. I. P. Railways to the west and to the north-west of the hospital; in the former there were two large old quarries full of stagnant water and the surroundings were overgrown with rank vegetation : in one of these, stable refuse was being deposited : this particular area being highly insanitary and a source of danger. In the latter yard two or three shallow pools of rain water were found to contain larvæ of the Anopheles mosquito. These were immediately treated with Pesterine by this Department and the Railway authorities were requested to fill them up and remove the rank grass.

These places contributed largely to the Plague of mosquitoes in A Ward; there are other large compounds in this and in every other Ward where old iron empty tins and barrels, disused chatties, garden tubs, and other receptacles are allowed to accumulate rain water and thus afford a breeding place for mosquitoes during the rainy season, more especially towards its close.

V. The extensive building operations in progress in different parts of the City; these involve soil disturbances and afford ideal sites for water to collect. Anopheles larvæ in large quantities exist in such pools and also in tubs used for steeping brick.

VI. Innumerable private wells to be found inside the houses: these constitute a grave potential danger and much of the malaria in Fort North was probably due to this.

The remedy lies in filling up or permanently covering the wells proved to contain larvæ, and the provision of a small hand pump for raising water when required: the cost would be negligible and the improvement in the health of the residents of the neighbourhood considerable.

VII. The large number of tanks and public wells in the different parts of the City (2,294 in all), many of which on examination were found to contain mosquito larvæ in large numbers.

VIII. Cisterns and storage tanks: these should be kept covered and where this is not the case, the owners are written to and requested to remedy the defect and meanwhile any larvæ found are destroyed.

IX. In various parts of the City, particularly in its outskirts, large areas of low lying ground exist which in the monsoon become flooded and overgrown with rank vegetation, thus forming an ideal breeding ground. In process of time these will be rendered more healthy by the extension of the City; meanwhile these should be drained; failing drainage these areas should be filled, though the process would be very expensive to a private owner.

X. Many of the unlicensed stables in the City constitute a source of danger as they are not paved and drained, and the surroundings become a swamp in the monsoon and even in other seasons. The question is under consideration with a view to amend the existing bye-laws and make proposals for abolishing such places entirely.

XI. The drains of the City, especially the storm-water drains, particularly about the close of the monsoon when short breaks occur. During the dry season also house and stable sullage finding entry into them breeds mosquitoes in various parts; the only way to obviate this is to permanently close up, as far as possible, all openings into the storm-water drains other than the regular catchpits and close these latter by a tightly fitting and well secured cover during the dry season, and to disconnect any premises discharging sullage water into the storm-water drains.

XII. The Septic Tank Installation at Malabar Hill: here conditions have improved since the adoption of measures decided upon in consultation with the Drainage Engineer. The risk of a recurrence of the nuisance would be further lessened by the covering in of the storage beds so as to present an arched surface upwards and provide for free removal of rain water.

XIII. The unpaved open spaces between rows of chawls; such areas are not dependent entirely on rainfall for their moisture; nahanis and wells allowed to fall into disrepair furnish an ample supply. Until these rainsodden patches of ground covered with pools and in immediate proximity to overcrowded houses are paved and drained under the authority of bye-laws, filth and damp cannot be eliminated from the surroundings of the poor.

XIV. Private lanes and streets in the City, many of which, during the monsoon, are practically impassable and several in the heart of the City resemble lakes. The sooner these are taken over by the Municipality, lighted, and drained and kept in repair the better. There is no precedent for such a state of things in any collection of houses above the size of a village in Great Britain.

XV. The Reservoirs on Malabar Hill and in Mazagaon: both of these saturate the ground in the vicinity and afford countless breeding places. To use kerosine oil or Pesterine for such is wasteful and also ineffective. Much has been written in reports in the past and nothing fresh can or need be added.

XVI. The open half-channel rain water pipes under roofs; and junctions of two sloping roofs allowing water to collect.

XVII. Imperfectly cleansed open half-channel storm-water drains; especially in private premises they become choked with weeds and silt; the obvious remedy is to remove obstructions and permit water to flow freely.

Measures: Private and Public.

The modern sanitarian is largely dependent on public support and interest in all measures affecting their health: these measures must of necessity be divided into public and private.

Private measures:—Private individuals can do much by seeing that no accumulation of water is allowed to remain in or near their houses by preventing waste and overflow of water, by seeing that all cisterns and tanks on their premises are properly covered; by cutting down rank vegetation where such exists, and in the case of gardens by seeing that no larvæ exist in the water tubs. In regard to wells a remedy has already been indicated

Many complaints regarding mosquitoes from private individuals have been found to be due to collections of water (containing larvæ) in old tins and chatties: small details of this sort are easily under the control of individuals. For those in a suitable financial position the use of a small mesh mosquito curtain would result in a reduction of the chances of infection.

The use of prophylactic doses of quinine cannot be too strongly urged. The Government have placed this remedy within the reach of all; and large employers of labour should be urged to press this measure.

The City is committed to large improvement schemes which must take many years to accomplish, and side by side must occur a corresponding improvement in the habits of the poor. This can only happen as the result of popular lectures and of the manifestation of personal interest in their welfare. The City owes much to those who under the auspices of the Sanitary Association are quietly yet surely disseminating elementary hygienic principles among the poorer classes, and it is to such measures in the long run that we must look if an improved standard of living is to be attained.

Public measures:—The Deputy Health Officers and Sanitary Staff are well-acquainted with the various breeding places of mosquitoes, and diligent search is made by them in their respective Wards. But these places are so many and so universal that, considering the varied duties of the sanitary staff, only a portion of their time can be devoted to anti-malarial work. If mosquitoes are to be seriously combated, a determined and constant attack must be made on them and this can be done only by wholetime men.

There are also certain difficulties under which this Department has to work: first, we have no power to ourselves remove or remedy the hundred and one breeding places that exist in many compounds, etc. What is done is, a letter is addressed to those responsible, requesting them to remove the source of nuisance, and meanwhile the larvæ found by us are destroyed and a constant watch is kept until the reforms demanded are complied with. Secondly, the wells in private houses can only be dealt with compulsorily through the Standing Committee. It is, however, a pleasure to record that many owners in the Fort area have voluntarily given permission to our staff to treat their wells with pesterine. This can only be a temporary measure, and a more permanent and effective method has already been described. Thirdly, the systematic treating of pools is a matter of considerable difficulty in the showery weather accompanying the conclusion of the monsoon, as the work done is liable to be nullified by a heavy fall of rain at a subsequent date. This cannot be obviated, however, as it would be impolitic to leave untreated a pool in which larvæ have been found. Fourthly, the extensive building operations going on in the City add considerably to the difficulties, but as far as possible all such places are dealt with. Fifthly, the unlicensed bullock stables already mentioned.

As a step in the direction of systematic campaigns, four gangs consisting of a Sub-Inspector and four men in each have been organised to deal with mosquito breeding areas. Their work is supplementary to that of the sanitary staff and the whole of their working day is devoted to this object. Diligent search is made for all breeding places and, when found, suitable measures are adopted as far as possible.

Pamphlets are distributed to house-holders describing the various precautions that should be taken to prevent the breeding of mosquitoes, and in all the Municipal Dispensaries the use of quinine as a prophylactic is urged; this is also urged on all those who write to us complaining of the prevalence of Malaria.

Four gangs are, however, quite insufficient for the whole City but, under existing circumstances, it is impossible to augment this staff without further weakening the Conservancy Branch. A special anti-malarial staff of sufficient size under the immediate control of one of the Assistants to the Health Officer and under the general supervision of the Executive Health Officer is necessary. A special course of 2 or 3 lectures and demonstrations should be given to the Sub-Inspectors in charge of the gangs in order to make them well conversant with the main varieties of mosquitoes and their breeding places. The cost is likely to be more than recovered in the saving of life and of loss of labour and in the lessening of the gradual undermining of the constitution of the inhabitants.

A continuous campaign on the lines indicated will not only lessen Malaria but will also remove other mosquito borne diseases and contribute to the increased comfort of residents.

Our information of the cause of Malaria compared with our knowledge of the cause of other diseases is comparatively recent, and like many other discoveries hardly complete and somewhat variable, but working on the knowledge we have, a very large amount of work has been done in Bombay during the past 8 years.

To the Malaria Investigation Committee appointed by Government, the Health Department will be able to give some useful information and assistance, as a summary has been compiled of the work done and recommendations made, which in itself forms a volume of no small dimensions.

Enteric Fever.

To Enteric Fever 111 deaths were due, being 5 less than in the previous year but 29 more than the average of the last five years.

Relapsing Fever.

Relapsing Fever is responsible for 225 deaths, being 162 less than in 1907 and 82 less than the average of the past five years.

Whooping Cough.

To Whooping Cough 15 deaths were ascribed, being 2 more than in the last year, but 7 less than the average of the last five years.

Diarrhœa.

From Diarrhœa 2,007 deaths were registered, being 341 less than in the previous year and 320 less than the average of the last five years.

Dysentery.

1,177 deaths were ascribed to Dysentery, being 36 more than in the preceding year and 63 more than the average of the past five years.

Puerperal Septicæmia.

To Puerperal Septicæmia 360 deaths were due, being 24 less than in the last year and 41 less than the average of the past five years.

Leprosy.

From Leprosy 89 deaths were registerd, being the same number as in the previous year but 21 less than the average of the preceding five years.

Cancer.

The deaths from Cancer amounted to 51, being 1 less and 3 less than in the last year and the average of the past five years respectively.

Premature Birth.

Amongst children who were born prematurely 179 deaths were registered, being 7 less than in the past year, but 46 more than the average of the previous five years.

Debility and Old Age.

From Debility 3,054 deaths, and 1,991 deaths from Old Age were registered during the year, being 29 more and 80 more respectively than last year and 250 less and 102 more respectively than the average of the previous five years.

Diseases of the Nervous System.

Deaths from the Diseases of the Nervous System amounted to 2,083, being 220 more than in 1907, but 51 less than the average of the last five years.

Diseases of the Circulatory System.

330 deaths were due to the Diseases of the Circulatory System, being 32 less than in the previous year and 15 less than the average of the last five years.

Phthisis.

The number of deaths registered from Phthisis was 2,387, being 490 less than in the last year and 576 less than the average of the preceding five years. The considerable reduction in the mortality from Phthisis during the year under report by nearly 500 deaths below the figure for 1907 is worthy of note.

In my Annual Report for 1902, I suggested among measures for the prevention of Phthisis, the necessity of obtaining early information of the cases of the disease by a compulsory system of notification by Medical Practitioners, and by gradually educating the people to the importance of giving the information of cases in their houses to the District Registrars of this Department.

The adoption of these precautionary measures appears to have borne some fruit in the large number of notifications received every year and also the steady decline in the annual mortality from the disease.

In 1902, the number of deaths from the disease stood at 3,957, giving the rate of 5·09 per 1,000 of population (7,76,006); it fell to 3,567 in 1906, to 2,877 in 1907 and 2,387 in 1908, with the population at 9,77,822, the corresponding rates being 3·61, 2·94, and 2·44. This is encouraging and hopeful.

The total number of notifications of this disease received during the last three years were 3,781 in 1906, 3,275 in 1907 and 2,947 in 1908.

Towards the close of the year I again drew the attention of the Medical Practitioners in the City, by printed circular letters, to Sections 421 and 450 of the Municipal Act which require the notification of the existence of any dangerous disease, and certification of the cause of death by the Medical Practitioner in attendance in the last illness.

Diseases of the Respiratory System.

To the Diseases of the Respiratory System 8,954 deaths were due, being 68 less than in the previous year but 95 more than the average of the last five years.

Diseases of the Digestive System.

Diseases of the Digestive System are responsible for 1,099 deaths, being 36 more than in the last year but 79 less than the average of the past five years.

Lymphatic System.

22 deaths were ascribed to the Diseases of the Lymphatic System, being 7 more than in 1907 but 5 less than the average of the past five years.

From the Diseases of the Urinary System 254 deaths were registered, being 20 less than during the last year and 3 less than the average of the past five years. Diseases of the Urinary System.

To the Diseases of the Generative System 152 deaths were ascribed, being 12 less than in the last year and 46 less than the average of the previous five years. Diseases of the Generative System.

Organs of Locomotion and Connective Tissue claimed 120 deaths, being 11 more than in the last year but 4 less than the average of the preceding five years. Organs of Locomotion and Connective Tissue.

The deaths from Accidents and Violence amounted to 808, being 5 less than in the last year but 152 more than the average of the past five yers. Of these, 57 deaths were registered from poisons, being 10 less than in the last year but 1 more than the average of the past five years: of these 33 were suicidal, 16 accidental, 5 due to snakebite and in 4 cases the circumstances under which the poison was administered were not known : 122 deaths were due to drowning, being 4 less than in the last year and 8 less than the average of the past 5 years; of these 41 were suicidal, 40 accidental, and in 41 cases the circumstances under which the deaths took place were not known. Accidents.

The ten Municipal Dispensaries were open throughout the year for giving free medical relief to the poor of the City, and the results achieved have been satisfactory. The actual number of new cases (individuals) treated at the Dispensaries was 83,960 (53,572 males and 30,388 females), making 4,75,058 as the total number of attendances, giving a daily average attendance of 1,301; out of this number 2,927 patients were seen at their houses. Municipal Dispensaries.

The diseases treated at these Dispensaries were Fevers, Diarrhœa, Dysentery, Plague, Small-pox, Cholera, Measles, Rheumatism, Diseases of the Nervous, Circulatory, Respiratory, Digestive, Urinary and Generative Systems and other General and Local Diseases.

In addition to the above, the actual number of new cases (individuals) treated at the Colaba and Victoria Bunder Charitable Dispensaries was 6,594 (4,803 males and 1,801 females), making 25,304 as the total number of attendances, out of which 150 patients were seen at their houses. For these Dispensaries a small contribution is paid by the Municipality and they are under the direct control of the Registrar, No. 1 District, who visits them daily.

The number of notifications received during the year from qualified Medical Practitioners was 1,605—1,263 for Plague and 342 for other Infectious Diseases, as compared with 2,065 during the last year. Notification of Infectious Diseases.

From Hakims and Vaidyas 98 notifications were received and the diseases reported in all the cases were on investigation by the medical men of this Department found to be correct.

During the year, 7,530 certificates of the causes of deaths were received, 2,957 from qualified Medical Practitioners, 64 from Hakims and Vaidyas, 3,528 from various Hospital Authorities, and 246 and 715 from the Coroner and the Commissioner of Police, respectively. The causes of 1,573 deaths were certified by the District Registrars after seeing the persons during their last illness, and the causes of deaths of 27,201 and 1,984 persons were verified by the Registrars: in the former cases on the information gathered from the relatives of the deceased, and in the latter after seeing the dead bodies. In 43 cases the causes of death were not ascertained as the residences of the deceased could not be traced. Certification of Cause of Death.

During the year 1908, 68,847 visits to houses, chawls and huts were made by the Nurses working under the Registrars, and they enquired into 5,605 cases of ordinary sickness, 1,370 cases of Infectious Diseases, 2,842 deaths amongst the female population of the City, and attended 518 confinements; they also ascertained 5,884 births. Visiting Nurses.

During this year, 652 copies of certificates of deaths and 129 of certificates of births, and 22 copies of birth and death reports were issued, and the total amount of fees received on account of them and searches of birth and death records for indefinite periods as well as for producing such records in Courts of Law, &c., amounted to Rs. 981. Certificates issued.

Out of 3,394 total number of notices issued by the Health Department under the various Sections of the Bombay Municipal Act during the year as against 3,879 in the preceding year, 1,731 were complied with, 1,269 not complied with, 172 cancelled, and 22 are pending. Notices under the Act.

In 1,979 cases, summonses were issued by the Presidency Magistrates at the instance of this Department in the year as compared with 1,656 in the last year. Convictions were obtained in 1,161 cases, in a few cases parties were warned and discharged; 211 cases were dismissed, and 607 withdrawn, the offences having ceased.

During the year, 7,00,402 carts of kutchra, drain stuff and other matter, were emptied at the Tardeo Flats and other places in the City as against 7,81,531 carts in the previous year. Out of these carts, 5,54,581 were Departmental and 1,45,821 private. Conservancy work done.

1,18,445 night-soil and cesspool carts and 42,53,730 night-soil baskets were emptied at the several night-soil depots in the City during the year as compared with 1,67,786 night-soil and cesspool carts and 38,50,614 night-soil baskets in the past year. Out of these carts, 1,13,370 were departmental and 5,075 private.

Cost of the Department.

The total expenditure on the Health Department came to Rs. 22,48,722-15-11 and the income; from it to Rs. 12,99,207-3-4; the actual cost of the Department to the Municipality was therefore Rs. 9,49,515-12-7 as against Rs. 10,26,374-6-8 during 1907.

ADMINISTRATION OF THE PUBLIC HEALTH DEPARTMENT.

I. Divisions of the City and the Executive Staff.

For administrative purposes, the City has been divided into seven Wards, each under the subordinate charge of a Deputy Health Officer who is responsible for both the conservancy and sanitary work of his Ward. The Deputy Health Officers are assisted by a staff of Sanitary and Conservancy Inspectors, Assistant and Sub-Inspectors. They are controlled by the Executive Health Officer who is assisted by two assistants—one in charge of Sanitary and the other of Conservancy work.

For purposes of Registration of Births and Deaths and free Medical Relief, the City is divided into 10 Districts with 10 Municipal Dispensaries, each in charge of a Registrar with 2 Sub-Registrars and 1 trained Visiting Nurse attached. Each office is equipped with staff for registering births and deaths, enquiring into the causes of deaths, checking cemetery returns, and disinfecting houses and rooms where cases of Infectious Diseases occur or dead rats are reported. The work of the Registrars is supervised by the Deputy Health Officers, and the Health Officer with his two Assistants.

There is also a special Assistant Health Officer in charge of the Arthur Road Hospital for Infectious Diseases and the Maratha Hospital for Plague.

For Veterinary work and for inspecting the Municipal bullocks, and milch cattle stables in the City, there are three qualified Veterinary Surgeons who are also in charge of a Municipal Bullock Hospital.

For Analytical and Bacteriological Examinations, there is a Municipal Analyst in charge of a fully equipped Chemical and Bacteriological Laboratory: the chemical analysis and bacteriological examination of the Municipal waters is conducted by him.

For Conservancy and Sanitary work the Inspectorial staff consisted of :—

3 Chief Conservancy Inspectors;
7 Conservancy Inspectors;
1 Loading Siding Inspector;
1 Night Branch Inspector;
7 Sanitary Inspectors;
14 Assistants;
68 Sub-Inspectors;
2 Halalkhore Inspectors.

The labour staff included :—

210 Mukadums;
13 Patels;
21 Trip markers;
3,443 Bigaries;
2,863 Halalkhores; and
1,327 Cart drivers.

II. Plague Measures.

Inoculation, rat destruction and other preventive and precautionary measures were taken as in the past and controlled by the Health Department.

(i) Inoculation.

Special and extended efforts were put forth to popularise and push on inoculation. Lectures and demonstrations were given to thousands of mill operatives and others, by the Officers of the Health Department, on the cause and prevention of Plague, on the advantages of inoculation and of the destruction of rats; but it is to be regretted there was not a sufficient response.

Special campaigns were held in the stables and in the chawls of the labour staff and offers of eight annas per head and two days' wages held out; but only a small number came forward and 2,089 employés and their relatives were inoculated.

(ii) Rat destruction.

Public attention was roused to the necessity of destroying rats: large notifications containing hints for preventive action were posted prominently throughout the City, which resulted in an increased demand for rat traps and Pesterine for disinfection. Painted pictures of rats were also put up indicating their connection with Plague and urging their destruction. Rat campaigns, both routine and special, were held and special gangs of rat killers and supervisors employed in the different parts of the City: these measures resulted in the destruction of 3,74,386 rats.

374,386 were collected and sent to Parel Laboratory; 110,352 were examined and 13,588 were found infected.

The percentage of infected rats rose from January to May and fell to 3·8 in December.

The total number of rats collected and the number and ratio found infected from 1st January to 31st December 1908: —

MONTHS.	Total number of rats sent to the Parel Laboratory.	Number of rats examined.	Number of rats found infected.	Ratio of rats found infected per 100 rats examined.
January	36,808	13,649	1,023	7·4
February	30,225	11,752	1,911	16·2
March	29,400	12,186	3,524	28·9
April	25,644	11,227	3,254	28·9
May	27,564	8,573	1,462	17·0
June...	25,459	6,836	453	6·6
July	28,170	6,091	325	5·3
August	28,740	5,451	334	6·1
September	28,572	6,168	314	5·0
October	28,515	6,663	256	3·8
November	40,219	9,321	252	2·7
December	45,070	12,435	480	3·8
Total ...	374,386	110,352	13,588	12·3

To facilitate evacuation of congested areas, Municipal Health Camps were erected at Victoria Bunder, Agripada, Arthur Road, North Brook Gardens, Purbhadevi Road, Government House, (Parel), Babula Tank, Foras Road, Grant Road and Mahim. As a contingency measure, several of these camps and some huts at Koliwada (Colaba) were kept in a state of repairs for the monsoon. (iii) Evacuation.

In addition to these, private health camps were erected at Marine Lines, Charni Road, Chowpati, Vincent Road, Matunga and Mahim. This is a popular precautionary measure and does not require even persuasion.

Every place where an infected rat was found or a plague case occurred was pesterined, all gullies and passages between houses were regularly similarly treated. (iv) Disinfection.

STATEMENT OF INOCULATIONS PERFORMED DURING 1908.

District No.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	...	28	45	41	1	...	...	...	...	...	...	...	
2	3	11	3	...	...	...	...	...	...	...	...	...	
3	1	38	42	15	6	...	...	...	...	...	...	...	
4	4	29	24	9	...	3	1	6	4	1	...	1	
5	...	31	13	37	...	...	...	...	...	...	...	...	
6	48	273	74	34	8	..	...	...	...	...	3	...	
7	69	34	38	50	12	...	...	...	...	...	...	...	
8	188	271	160	259	180	60	43	23	69	76	90	24	
9 & 10...	39	64	40	121	17	...	...	...	...	...	...	15	
Parel Laboratory ...	134	24	250	304	53	4	6	12	11	22	28	8	
H. M.'s Common Prison	189	123	200	208	192	178	177	229	202	208	175	178	
Total ...	675	926	889	1,078	469	245	227	270	286	307	296	226	5,894

STATEMENT OF NUMBER OF CASES REMOVED TO HOSPITAL IN 1908 ON ACCOUNT OF:—

Small-pox	701
Measles	43
Plague	458
Suspicious Plague	8
Typhoid Fever	80
Malaria	56
Remittent Fever	9
Relapsing Fever	163
Cholera	22
Diarrhœa	27
Turbercle of Lungs	51
Erysipelas	13
Chicken pox	23
Phthisis	187
Pneumonia	46
Other Causes	248

STATEMENT SHOWING THE NUMBER OF HOUSES VACATED IN 1908 ON ACCOUNT OF:—

Precautionary Measures	155
Dead rats	53
Small-pox	85
Plague	615
Suspicious Plague	59
Relapsing Fever	75
Cholera	7

STATEMENT OF HOUSES DISINFECTED IN 1908 ON ACCOUNT OF:—

Precautionary Measures	3,528
Dead rats	541
Small-pox	1,733
Measles	543
Plague	5,827
Suspicious Plague	81
Typhoid Fever	136
Malarial Fever	80
Remittent Fever	6
Relapsing Fever	295
Cholera	152
Leprosy	4
Tubercle of Lungs	90
Erysipelas	45
Chicken-pox	19
Phthisis	2,126
Pneumonia	2
Other Causes	25

SANITARY MEASURES.

Removal and Disposal of refuse.

During my deputation while on leave, I visited some of the large cities in England and on return submitted a report to the Corporation (No. 18854 of 4-11-08) embodying the results of my enquiry into the most modern system of removal and disposal of town sweepings; the following is a brief résumé :—

I did not confine my enquiries to the two subjects suggested but while on tour visited many other places of sanitary interest, the chief of which were Abbatoirs and Slaughter-Houses and Markets, Sewage Disposal Installations, Government Vaccination Establishments and the method of preparing Vaccine Lymph; the disposal of dead animals and the School of Tropical Medicine and Municipal Milk Depôts and Dwellings for the poor. For this purpose I visited London and most of the Metropolitan Boroughs, Leicester, Leeds, Liverpool, Manchester, Bradford and Birmingham.

Collection and Removal.

In English Cities the work of collection and removal of town refuse is not done by the Health Department but is a separate branch of the Municipal Administration and is carried out by a Cleansing Committee who employ a Superintendent and Assistant and a separate staff.

The amount of refuse to be removed is much less in English cities and the labour is more easily obtained and controlled. The household refuse is removed once a week and taken to the nearest depôt, which is rarely a mile away, and is either burnt or put into barges and taken down the river or canal and then disposed of.

In Bombay it is collected twice a day and the dust-bin carts removed twice or thrice a day. As we cannot immediately reduce the amount of refuse to be removed nor reduce the number of times it is removed, we must adopt the most cleanly and expeditious method known and remove the nuisance.

The Act requires the occupiers of a house to deposit the refuse in the nearest dust-bin cart, but owing to the nuisance caused by such a cart there are very few sites, and the refuse has to be carried some distance. To remove this nuisance, I have asked for sanitary dust-bins for houses which can be emptied twice daily, by the labour staff of the Health Department, either into moving carts or motor vans or the nearest cart.

The next thing to be done is to improve the present bullock cart or replace it with a more speedy vehicle. Large carts and horses such as are used in England would be an improvement, but very expensive and difficult to manage in the East. Some large carts, however, to act as emergency carts can with advantage be adopted.

Motor vans are used in many of the large towns for various purposes, and in Liverpool and London for Municipal work. I saw them at work and they seemed to me to be the very thing for our system here. These motors work day and night,—in the day time, collecting house and street refuse, and in the night, water and sweep the streets by means of a moveable body, the body of the cart being replaced by a water tank.

The advantages in Bombay would be that the motors would have longer distance to travel and not to stop, thereby increasing their efficacy and decreasing the working expenses.

In my report to the Commissioner, I have suggested that three motors be provided to begin with and that they work in A Ward. The initial cost of the three motors would be Rs. 36,000 and seems to be fair. The great advantage of motor service will be the removal of the ugly sight of strings of carts going along the streets all moving in one direction (the Mahaluxmi Siding): because by the establishment of depôts for such motor vehicles, the traffic of the carts will be diverted along several streets. It will also be possible to reduce our present number of carts and bullocks owing to the shorter distance to which the carts will have to travel when motor depôts are available in different parts of the City. Thus the heavy upkeep and working expenses of motor vehicles will in a certain measure be compensated for by the reduction in the number of carts and bullocks, a better condition of the streets, and improved sanitation generally.

Disposal of Refuse.

In previous reports I have fully gone into this question and have recommended that Destructors be provided at certain parts of the City.

The Executive Engineer has also fully dealt with this proposal and submitted detailed estimates. In every City, I visited in England, I inspected a Destructor and saw the work of collection and disposal of refuse. The improvements made of recent years have now made it possible to place a Destructor in the midst of a populated neighbourhood without fear of any inconvenience to the people.

In the majority of installations, the heat derived from the combustion is utilised for producing electrical energy and electrical lighting, also clinkers; for brick, tile, slate, mortar and cement making, for heating and pumping water and in working the apparatus in connection with the sewage works.

Throwing of Refuse and the provision of wire cages and sanitary dust-bins.

In my last Annual Report, I referred to the provision of 50 wire cages located in different parts of the City to assist in keeping the paper and dry refuse from blowing about the streets; these have proved very serviceable and the question of increasing them is under contemplation.

On my recommendation, the Corporation sanctioned in the year under report also the purchase of 500 sanitary dust-bins of galvanized iron to be placed in houses with suitable compounds with the consent of the owners or inmates. The supply arrived about the close of the year from the Manchester firm of Messrs. Richard, Johnson, Clapham & Morris, Ltd.; and up to the time of writing this report, they have been in use in some portions of A Ward, and it has been found that house refuse is regularly deposited in them, while the general refuse continues to be deposited in the stationary dust-bin carts; and that the dust-bins are emptied twice daily morning and evening into moving carts. So far they have given satisfaction. An additional supply of 500 bins is therefore under contemplation, as it is expected that a general use of them will help to reduce the number of stationary carts which from their obnoxious contents are a cause of general complaint.

Disposal of Carcasses.

On the Executive Engineer's suggestion for the use of machinery for the sanitary disposal of dead animals, my report No. 19693 of 12th November 1908, was to the following effect :—

I have frequently in former reports condemned the present method of the disposal of dead animals; and in two of my reports in 1907, suggested that the Corporation should erect a factory and control it and thereby reduce the nuisance. . During my tour in England, I saw many of these Installations; most of the large Destructors had installations for the disposal of dead animals attached to them, *viz.*, at Bradford, Birmingham, Manchester and London. At Islington and Deptford, Abbattoir Installations are provided and work very successfully, and I saw no nuisance. I agree with the Executive Engineer that the site should be convenient and that Mahaluxmi is a suitable one but would suggest that a Destructor and Installation for the disposal of dead animals could be worked in the same site with the power derived from the Destructor. I am not quite so sanguine as the Executive Engineer as to the profits, but if worked with a Refuse Destructor (and such a Destructor as I have already recommended would provide enough power to work an Installation such as that proposed by the Executive Engineer), some profit may be made.

Smoke nuisance.

The subject of the abatement of smoke nuisance was considered in the year under report : as action taken in the Presidency Magistrate's Court under the existing regulations is slow and cumbersome, and also ineffective, inasmuch as only a fine is inflicted on proof of nuisance without any order to abate or prevent its recurrence ; and as the result of several reports, submitted during the year, the necessary amendments of the Act are under the consideration of Government with a view to admit of provisions on the lines of Section 91 (7) of the Public Health Act of England (1875) being substituted for the present Section 391 of the Municipal Act, and of a time-limit being fixed within which the emission of black smoke should not be considered a nuisance.

Action taken.

The Agents of the Madhowji Dharamsi Mill, (Foras Road), were prosecuted during the year for smoke nuisance with the result that they were convicted and fined Rs. 300.

Food and Meat supply.

For checking the importation of and traffic in contraband meat, a separate staff has been in existence since 1907, with a special Assistant Superintendent of Markets working under the general supervision of the Superintendent. This Department, however, continues to exercise a wholesome vigilance in this direction. Yet quantities of unwholesome meat get into Bombay and are sold among the poor, cooked or uncooked. For effective control I have already urged the appointment of specially qualified Food Inspectors to inspect all kinds of food sold in the City and to be controlled by the Health Officer.

SANITARY IMPROVEMENTS SUGGESTED OR SANCTIONED.

Improvement in the system of removal and disposal of refuse.

My suggestion to improve the system of removal of refuse and town sweepings by employing motor wagons has been accepted and adopted by the Corporation, and I trust a more modern system will be in fair working order when I write my next Annual Report.

The disposal of refuse by Destructors is still under consideration.

Act III of 1907 and the transfer of Medical Relief and Vaccination.

The question of taking over Medical Relief and Vaccination from Government by the Corporation was decided during the year and these will be under the control of the Health Department from 1st March 1909.

Infectious Diseases Hospitals.

The Hospital accommodation for patients suffering from Infectious Diseases still leaves much to be desired.

Water carriage system.

The water carriage system of disposal of night-soil has made some progress. The difficulty of sufficient pressure of water at all times to the high buildings and the condition of the sewers is under consideration. I cannot too strongly urge the necessity for pushing on with these important matters.

Milk supply.

The question of milk supply has been under discussion on several occasions. During the past 3 years, 37 milch cattle stables have been closed, and many improved, and further action is being taken to close others. Full details have already been supplied to the Corporation by the Superintendent of Licences on these points.

This is a matter fraught with many difficulties which have too constantly been brought forward. It is impossible to change the habits and customs of the people with a stroke of the pen. Constant and systematic efforts must be made to improve this very important trade.

The Remedy.

The new bye-laws under consideration will have some effect. The remedy lies in the Municipality controlling all the milk supplies as it does the meat and fish, and in regulating milk-selling and providing Central Milk Depôts or Markets at which all milk must be brought and tested and distributed. The milk can be stored in cold storage and examined for adulteration. The public would then know that pure milk could be obtained.

The housing of the labourers of the Municipality made little progress during the year. This is a very urgent matter but progresses very slowly. Housing of Municipal labourers.

The house drainage and storm-water drainage prove stumbling blocks in the way of progressive sanitation. House and Storm-water drainage.

The question of stables of town cattle and horses is very pressing. Stables for town cattle and horses.

The stabling accommodation for the bullocks of the Health Department has made some progress but much remains to be done. Accommodation for Health Department bullocks.

The Bullock Hospital for Municipal bullocks is, I think, one of the worst features in the Municipal Administration. From time to time the space allotted to the Hospital has been curtailed and other Departments have absorbed a greater part of it. The Bullock Hospital.

At present it consists of some temporary structures unpaved and dilapidated. The space is quite inadequate for our requirements and consequently always overcrowded.

I have asked for a better Hospital with more rooms and more facilities for proper attendance on the bullocks and I trust that the Corporation will see their way to provide this next year.

The bone trade was removed outside the City during the year. Offensive Trades.

The importation of Small-pox and Cholera and other Infectious Diseases by pilgrims and others has again been very severely brought to our notice, and in my remarks on these diseases I have referred to the disadvantages Bombay suffers from in this respect. Importation of Infectious Diseases.

So far none of the insanitary areas which were recommended by this Department to be improved have been taken up. Improvement of insanitary areas.

The large streets that have been made through the City have caused to be demolished many insanitary houses, but those areas and buildings which have been so repeatedly condemned still remain.

The question of overcrowding and houses unfit for human habitation does not receive that attention which is so much desired. Overcrowding and Houses unfit for habitation.

During the year I had to report on the question raised by Government regarding the future development of the City. My suggestions were :— Future development of the City.

i. Remove the outfall at the Love Grove to Deonar and render the area of five miles of western foreshore and the land behind fit for magnificent building sites.

ii. Utilise the existing pumps, and more if necessary, at different parts of the Island for lifting the sewage into a high level main.

iii. Fill in land east of Hornby Vellard to Worli Hill on the west, from Clerk Road on the south to Haines Road on the north, and the B. B. & C. I. Railway on the east.

iv. Utilise both the Railway lines for hauling the refuse from the City direct.

v. Erect Incinerators to destroy part of the refuse.

vi. Fill in the land north of Fergusson Road on both sides of the Railway line north of the Island and get rid of this fever-producing area.

vii. Abolish the B. B. & C. I. Railway from Grant Road to Colaba.

If this be done, there would be enough land for the upper, middle and labouring classes without any further reclamation of Back Bay for 30 years.

viii. Make a wide road from Colaba along the seashore to Chowpati.

ix. Utilise the existing land occupied by the Railway and Kennedy Sea Face for good houses and recreation ground like any other sea side city in the world.

x. Use Queen's Road for Electric Trams from Church Gate to Cumbala Hill *via* Girgaum.

xi. Abolish the disused and overcrowded cemeteries on Queen's Road.

By removing the outfall at Love Grove and with an improved sewage system to remove sewage from the City direct, the land made available may be utilised for building and reducing the congested areas and widening the streets.

The improved facilities for communication would induce enterprise and by competition compel owners of property to improve the style of buildings along sides of the lines of traffic, better houses and shops would be erected, and not only the sanitary condition of the City improved, but Bombay would become the most beautiful City in the East.

Reorganisation of the Department.

The reorganisation of the superior staff of the Health Department came into force about the close of 1907 and was in full working order during the year under report.

The City is now divided into seven Wards, each with a Deputy Health Officer. I am not able to say that so far this alteration has been an improvement on the former three Divisions: possibly with time and by constant application, the Deputy Health Officers will acquire the knowledge and experience necessary to enable them to carry out successfully not only the routine work of a Deputy Health Officer of a large and important Ward but also to personally supervise and initiate improvements in their respective Wards so as to bring their Wards up to the highest possible standard of sanitation.

On the 19th October, the Corporation sanctioned the revision of the subordinate staff of the Department which was for several years under consideration. When brought into force it will give the necessary increase to the clerical staff and to the veterinary establishment, but curtail the Inspectorial by reducing by half the present number of 14 Assistant Sanitary Inspectors, although in my opinion their retention was necessary for the adequate supervision of the growing City. The number and status of Registrars have also been raised, so that we shall now have 10 Registrars at Rs. 80—100 with an allowance of Rs. 50 for those who are fully qualified medical men. The scale of pay of the Sub-Registrars has also been revised and improved. The additions to the veterinary staff consist of an Assistant Inspector and a Shalotri.

Changes in the staff.

During the year under report, I was on leave and deputation in England from 18th May to 16th October with a view to obtain by personal enquiry the most recent information on certain sanitary matters, *viz.*, Incineration, Removal of Town Sweepings, Disposal of Carcasses, and Vaccination. The report embodying the results of this enquiry has already been separately submitted to the Corporation and alluded to above.

During this period Dr. B. K. Goldsmith, M. B., Ch. B., D.P.H., my Assistant, acted very ably as Executive Health Officer, and Dr. K. B. Shroff acted in the place of Dr. Sorab, as Conservancy Assistant, as the latter officiated in the place of Dr. Goldsmith.

Work done by the Department: appreciation.

I have pleasure in putting on record my sense of appreciation of the willing manner in which my Assistants, the Deputy Health Officers, the District Registrars and the Inspectorial staff co-operated in the administration of the health of the City. The duties these Officers had to perform were, to a great extent, new to them, and with more experience I trust will see better results. The work of the Municipal Dispensaries is daily gaining in popularity as their daily average attendance has been steadily increasing (from 992 in 1906 to 1,257 in 1907 and to 1,301 in 1908). The invaluable work of visiting newly born children and counselling the mothers on the proper care and rearing of infants and against the conditions that imperil infant life was continued throughout the year.

The special work in connection with Plague done by the District Registrars, Sub-Registrars, and Rat Inspectors was also continued, and controlled by the Deputy Health Officers and the Executive Health Officer.

The clerical work of the Head Office, General Branch, including the Plague Branch, left little to be desired. The clerical staff of the Registration Branch whose duties are very exacting also worked to my entire satisfaction.

The increasing and interesting and valuable work done by the Municipal Analyst is especially worthy of notice.

I have the honour to be,

Sir,

Your most obedient servant,

J. A. TURNER, M.B., D.P.H.,

Executive Health Officer.

5th May, 1909.

Report of the Analytical and Bacteriological Work done in 1908.

I have the honour to submit herewith the report of work done by me in the Municipal Laboratory during the year 1908.

3,754 articles were examined during the year (chemically 1,814 and 1,940 Bacteriologically) as compared to 3,019, (chemically 1,231 and 1,788 Bacteriologically) in 1907, showing an increase of 735. There has been a gradual increase in work year by year as will be seen from the following statement : —

385	articles were examined in	1904.
1,701	Do.	1905.
3,037	Do.	1906.
3,019	Do.	1907.
3,754	Do.	1908.

490 samples of Milk were examined during the year, as compared to 295 in 1907, of which 62 were genuine, 14 suspicious, 4 unfit for human consumption and the remaining 410 adulterated, showing 86·1 per cent. of milk samples sold in Bazar at present are watered.

44 Ghee samples were examined as compared to 26 in 1907; out of these 35 were genuine, 1 suspicious, and the rest adulterated.

93 samples of well waters were examined as compared to 32 in 1907, of which only three were found to be fit for potable purposes. 226 samples of waters were examined for Cholera vibrio and it was detected in four only.

During the rains of 1908, a fatal disease broke out in the milch cattle of the City which was diagnosed by the Veterinary Inspector as " Anthrax " but on investigation it was found to be due to B Septicœmia Hœmorrhagica of Bovines.

An outbreak of Malaria broke out in the City in the latter part of the year; in connection with it 162 samples of blood were examined for Malarial Parasites and 205 samples of waters for the identification of Mosquito Larvæ.

Since kerosine oil and pesterine are powerful insecticides but have no bactericidal power, experiments were made with a view to add some chemical to them which would destroy bacteria and after experimenting with various disinfectants it was found out that Cyanide of Mercury if mixed with kerosine oil emulsion acquires the double efficacy of a pulicide and a disinfectant; this would doubtless be an ideal disinfectant for Plague, Cholera, Enteric, etc., as it will destroy fleas in one case and keep off flies, &c., in the other from infected excreta effectively. 1 in 500 of Cyanide of Mercury kills all the microbes within 15 minutes : it is more diffusible than Perchloride of Mercury ; is not precipitated by Gelatine, Albumen, Mucin, etc., like Perchloride of Mercury.

Experiments with Barium Carbonate, Strychina Hydrochloras, Pot : Cyanide, Mercuric Cyanide, and Arsenic, etc., were carried out with a view to their being used in place of Phosphorus as a rat poison with the result that Barium Carbonate was found to be the most efficient : six rats were fed with this poison out of which 4 died : the shortest duration in which it killed a rat was 5½ hours and the longest was 26 hours.

Experiments were made with a view to find out a vehicle for the Laboratory Rat Exterminator which could be more easily absorbed, produce less fumes, and make a finer emulsion than the one which was used in the earlier part of the year, so that a greater number of rats may be destroyed in less time than hitherto : with this end in view some of the cheap and moderate priced oils were used for making the paste and after several experiments a paste was obtained which produces very little fumes, if any, and soaks into the bread like jam. It was tried on rats and all died within 12 hours.

As desired in your No. P. 3055 of 29th June 1908, referring to Corporation Resolution No. 1791, experiments with Bits of Corks fried in ghee or oil and quicklime were made as suggested by Dr. Dorabji Rustamji, with the result that the remedies suggested therein, were not at all found effective.

Experiments were made with ratite—a microbe—which is said to kill rats and carry infection from one rat to the other. It killed only 14 per cent. of the rats and the time taken to kill rats varied from 1-4 weeks. No microbe could be more fatal to rats than Plague Bacillus and yet rats have not been exterminated from Bombay. Besides there is a danger in the use of these microbic viruses for the extermination of rats as the majority of them are of the Gärtner type.

3,239 Tins of the new Laboratory Rat Exterminator were prepared and out of these 2,576 tins were issued, leaving a balance of 663 tins on 1st January 1909. 4,336 tins of Laboratory Rat Exterminator were prepared which with the balance of 384 left in hand on 1st Janury 1908, makes a total of 4,720 and all these too have been issued, making the total number of tins issued 7,296.

I have the honour to be,

Sir,

Your most obedient servant,

B. P. GHADIALLY,

Municipal Analyst.

STATEMENT SHOWING THE NUMBER OF SUBSTANCES EXAMINED CHEMICALLY DURING THE YEAR 1908, IN THE MUNICIPAL LABORATORY.

Serial Number.	Name of Party sending samples.	Milk.	Wheat flour.	Well water.	Stool.	Storage tank water.	Bajree flour.	Tea.	Deposit to find out oil or grease from Love Grove Pumping Station.	Lemonade.	Sodawater.	Ghee.	Disinfecting Powder.	Urine.	Beer.	Butter.	Oil.	Turpentine.	Drain water.	Bread.	Rice flour.	Coffee.	Sewage.	Calculus.	Bombay waters.	Vinegar.	Soap.	Damaged wheat.	Gram flour.	Rice.	Liquor Bewda.	Tap water.	Sugar.	Wheat.	Tank water.	Earth.	Clay.	Total.
1	Executive Health officer ...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	17	...	...	...	...	1	...	6	...	...	...	...	...	1	...	28
2	Assistant to Health Officer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
3	Medical Officer, Arthur Road Hospital	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
4	Medical Officer, Maratha Hospital	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
5	Deputy Health Officer, A Ward.	88	12	13	...	...	1	5	...	...	...	6	...	...	...	1	4	...	1	1	5	3	...	...	...	...	...	...	5	...	...	...	2	...	...	...	...	147
6	Do. B „	57	1	15	...	...	...	1	...	...	...	7	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
7	Do. C „	31	4	15	...	...	...	4	...	1	2	6	...	...	...	4	4	...	...	3	2	4	...	...	...	...	...	...	...	...	...	1	...	2	3	...	...	86
8	Do. D „	68	4	20	...	...	...	...	...	1	7	9	...	...	...	1	1	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	116
9	Do. E „	50	2	23	...	...	...	...	...	1	9	6	...	...	...	2	1	...	...	...	1	..	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	96
10	Do. F „	95	7	2	...	...	2	4	...	1	3	4	...	...	...	4	4	...	...	4	4	2	...	...	...	4	2	...	...	...	2	...	...	...	...	...	...	144
11	Do. G „	93	2	5	...	1	4	3	...	...	2	6	...	...	...	...	4	...	...	3	1	4	...	...	...	1	4	...	2	...	1	...	...	...	...	...	...	136
12	Medical Practitioners	...	...	...	1	...	...	...	...	...	...	...	...	690	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	692
13	Deputy Executive Engineer, Drainage	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
14	Deputy Executive Engineer, Water-Works	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	271	...	...	...	...	...	...	...	...	...	...	...	...	271
	Private Individuals	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3
16	Deputy Executive Engineer, Mechanical Branch	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Total ...	490	33	93	1	1	7	17	1	4	23	44	1	691	1	12	18	1	1	11	14	18	19	1	271	5	7	2	7	6	3	1	2	2	4	1	1	1,814

STATEMENT SHOWING THE RESULTS OF MILK ANALYSIS (CHEMICAL) CARRIED ON DURING THE YEAR 1908.

NAME OF PARTY SENDING.	Genuine.	Watered.	Suspicious.	Unfit for human consumption and adulterated.	Total.	REMARKS.
Executive Health Officer ...	2	...	...	...	2	
Officer-in-Charge, Arthur Road Hospital	1	2	...	...	3	
Officer-in-Charge, Maratha Hospital	...	2	...	...	2	
Deputy Health Officer, A Ward.	4	83	1	...	88	
Do. B Ward.	6	49	2	...	57	
Do. C Ward.	7	23	1	...	31	
Do. D Ward.	9	58	1	...	68	
Do. E Ward.	10	38	2	...	50	
Do. F Ward.	22	62	7	4	95	
Do. G Ward.	1	92	...	...	93	
Private Individuals	...	1	...	...	1	
Total ...	62	410	14	4	490	

STATEMENT SHOWING THE RESULT OF THE ANALYSIS OF GHEE (CHEMICAL) CARRIED ON DURING THE YEAR 1908.

NAME OF PARTY SENDING.	Genuine.	Not genuine.	Suspicious.	Adulterated.	Total.	REMARKS.
Deputy Health Officer, A Ward	6	...	...	...	6	
Do. B Ward.	4	4	...	...	8	
Do. C Ward.	6	...	...	...	6	
Do. D Ward.	8	...	...	...	8	
Do. E Ward.	3	2	...	1	6	
Do. F Ward.	2	...	1	1	4	
Do. G Ward.	6	...	...	...	6	
Total ...	35	6	1	2	44	

STATEMENT SHOWING THE RESULTS OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1908.

No.	Name of party sending.	Well at	REMARKS.
1	Deputy Health Officer, E Ward ...	205, Grant Road, 4-6, Bapty Road	Unfit for potable purposes.
2	Do. do. E do. ...	65, Tardeo Road	
3	Do. do. B do. ...	165, Memanwada Road	
4	Do. do. D do. ...	58, Girgam Back Road	
5	Do. do. E do. ...	Of Mr. Alibhoy Musabhai at Morland Road ...	
6	Do. do. D do. ...	No. 13, Dhanji Street	
7	Do. do. E do. ...	Municipal well at Matharpakadi Village ...	
8	Do. do. B do. ...	165, Memanwada Road	
9	Do. do. E do. ...	Baffaloes Stable of S. K. Irani, Mahomedan Street.	
10	Do. do. A do. ...	Of Messrs. Palanji Hirji's Aerated Water Factory, Mody Street.	
11	Do. do. C do. ...	51-53, I Carpenter Street	
12	Do. do. C do. ...	Municipal well at Panchait Vadi	
13	Do. do. E do. ...	205, Grant Road	
14	Do. do. G do. ...	120, Mahim Custom Road	
15	Do. do. D do. ...	Chotani Building, Dhanji Street	
16	Do. do. A do. ...	140—142, Mint Road	
17	Do. do. E do. ...	V, Victoria Cross Lane	
18	Do. do. E do. ...	65, Tardeo Road	
19	Do. do. G do. ...	Common to 132—134, Mahim Custom Road ...	
20	Do. do. A do. ...	25, Bhoiwar Lane	
21	Do. do. A do. ...	1, Hamam Street	
22	Do. do. B do. ...	41—43, Mirza Street	
23	Do. do. B do. ...	17—19, Kazi Sayad Street	
24	Do. do. E do. ...	Near Temperance Hall, Parel Road, 1—6 and 8—13.	
25	Do. do. E do. ...	Near Bombay Flour Mill, 4 and 4A, Byramji Hall Lane.	
26	Do. do. A do. ...	157—159, Bora Bazar Street	
27	Do. do. A do. ...	25, Pitha Street	
28	Do. do. E do. ...	Of Alibhoy Moosabhoy at Morland Road ...	
29	Do. do. E do. ...	92, D'Lima Street	
30	Do. do. A do. ...	82, Bazar Gate Street	
31	Do. do. C do. ...	36, Bhuleshwar Road	
32	Do. do. E do. ...	2—6, Bapty Road, 206, Grant Road	
33	Do. do. C do. ...	VI Bhaskar Lane	
34	Do. do. G do. ...	122, Mahim Custom Road	
35	Do. do. B do. ...	19, 2nd Agiari Lane	
36	Do. do. D do. ...	37, Mugbhat Cross Lane...	
37	Do. do. G do. ...	Owner Kashinath Vishwanathji, Mahim Bazar Road.	
38	Do. do. C do. ...	Below the gully, 119, Girgaum Back Road ...	
39	Do. do. A do. ...	Under the Lift at Whiteaway Laidlaw & Co....	
40	Do. do. A do. ...	Under the basement before emptying at Whiteaway Laidlaw & Co.	

STATEMENT SHOWING THE RESULTS OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1908—*contd.*

No.	Name of Party Sending.	Well at	REMARKS.
41	Deputy Health Officer, A Ward ...	Under the basement after pumping and while refilling direct from source of Leakage.	
42	Do. do. B do. ...	41—43 Mirza Street	
43	Do. do. D do. ...	74, Mugbhat Cross Lane...	
44	Do. do. E do. ...	V, Sleater Road	
45	Do. do. C do. ...	Inside house No. 61—63 Fanaswadi Street ...	
46	Do. do. D do. ...	VI, Girgam Back Road	
47	Do. do. D do. ...	18, Khetwadi 9th Lane	
48	Do. do. A do. ...	38, Ghogha Street	
49	Do. do. E do. ...	On the South side of 23 Mount Road, Anjir Wadi.	
50	Do. do. C do. ...	Kalyandas Kirparam'sWadi, Bhuleshwar ...	
51	Do. do. B do. ...	99, Dhanji Street...	Unfit for potable purposes.
52	Do. do. D do. ...	10—12 Harkness Road	
53	Do. do. C do. ...	In the central chowk of 119 Girgam Road ...	
54	Do. do. D do. ...	190, Girgam Back Road	
55	Do. do. C do. ...	18, Wellington Street	
56	Do. do. E do. ...	Well at Miltch Cattle Stable at Mahomedan Street.	
57	Do. do. E do. ...	Matharpakadi	
58	Do. do. E do. ...	65, Tardeo Road	
59	Do. do. B do. ...	50—52, Old Hanuman Lane	
60	Do. do. D do. ...	1 to 3 French Road	
61	Do. do. E do. ...	North West corner of down Platform in the yard of Grant Road Railway Station.	
62	Do. do. B do. ...	19, 2nd Agiari Lane	Fit for potable purposes.
63	Do. do. D do. ...	488, Girgam Road	
64	Do. do. D do. ...	10—11 Damar Cross Lane	
65	Do. do. C do. ...	Opposite house No. 2 in the public passage off Sonapur Street.	
66	Do. do. A do. ...	71, Meadow Street, Fort	
67	Do. do. F do. ...	Premises owned by Dewkibai No. 1,028 A, B and C.	Unfit for potable purposes.
68	Do. do. C do. ...	20—48, Wellington Street	
69	Do. do. B do. ...	83, Vithal Wadi	
70	Do. do. B do. ...	21—27, Vithoba Lane	
71	Do. do. E do. ...	15—19, Stable Street, Kamatipura	
72	Do. do. C do. ...	Battliwala's property, 41—45 Sonapur Street...	
73	Do. do. D do. ...	51, Napean Sea Road	Fit for potable purposes.
74	Do. do. D do. ...	Do.	Do.
75	Do. do. D do. ...	192, Girgam Back Road	
76	Do. do. D do. ...	18, 9th Lane Khetwadi	
77	Do. do. C do. ...	Central chowk of House No. 119 Girgam Road.	
78	Do. do. F do. ...	924—927, Matunga, owner Kasam Mahomed ...	Unfit for potable purposes.
79	Do. do. D do. ...	6—10, Khambata Lane	
80	Do. do. B do. ...	Darga Property, Dongri Street 580	
81	Do. do. B do. ...	37 Babula Tank, owner Sir Adamji Peerbhoy...	

STATEMENT SHOWING THE RESULTS OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1908—*concld.*

No.	Name of Party Sending.	Well at	REMARKS.
82	Deputy Health Officer, B Ward ...	159, Parel Road	Unfit for potable purposes.
83	Do. do. C do. ...	Zaoba's Wadi opposite house No. 28	
84	Do. do. E do. ...	Buffaloe Stable, Mahomedan Street	
85	Do. do. D do. ...	6, Girgam Back Road	
86	Do. do. G do. ...	Premises of Cashinath Vishvanath, Mahim Bazar Road.	
87	Do. do. E do. ...	Tardeo Road, No. 65	
88	Do. do. D do. ...	No. 1, Damar Lane	
89	Do. do. B do. ...	168—170, D'Souza Street	
90	Do. do. D do. ...	192, Girgam Back Road...	
91	Do. do. C do. ...	55, Kolbhat Street	
92	Do. do. C do. ...	32—38, Girgam Road	
93	Do. do. A do. ...	Near Eastern Gate, Presidency Magistrate's Court, Cruick Shank Road.	

STATEMENT SHOWING THE NUMBER OF WATERS EXAMINED BACTERIOLOGICALLY DURING THE YEAR 1908.

Serial No.	Name of Party sending.	Substance.	TESTED FOR						Waters for Mosquito Larvæ.	Total.
			Number of Microbes.	Cholera.	Enteric.	Gartners.	B. Coli.	B. Enteritidis Sporogenisis.		
1	Dy. Ex. Engineer, Water Works.	Bombay Waters...	189	193	189	189	189	190	...	1,139
2	Executive Health Officer ...	.....	...	1	3	...	...	...	146	150
3	Dr. Goldsmith, Assist. Health Officer.	.....	...	...	...	...	...	...	2	2
4	Dy. Health Officer, A Ward ...	Well water ...	1	1	1	...	1	...	11	15
5	Do. B „	Tap water ...	...	2	2	...	...	...	...	...
		Well water ...	1	4	2	...	2	...	...	13
6	Do. C „	Do. ...	...	1	...	...	...	...	...	...
		Tap water ...	...	2	...	...	...	...	...	3
7	Do. D „	Well water ...	2	6	2	...	1	...	16	...
		Tank water ...	1	1	1	...	1	...	...	31
8	Do. E „	Do. ...	...	1	...	...	...	...	12	13
9	Do. F „	Well water ...	...	1	...	...	...	...	...	...
		Tap water ...	...	2	...	...	...	...	5	8
10	Do. G „	Do. ...	...	2	9	...	1	...	12	...
		Well water ...	...	1	2	...	1	...	...	28
11	District Registrar, No. 3 ...	Tap water ...	...	1	...	...	...	...	...	1
12	Do. No. 4 ...	Do. ...	...	1	...	...	...	...	...	...
		Well water ...	...	3	...	...	...	...	...	4
13	Do. No. 5 ...	Tap water ...	...	...	1	...	...	...	...	1
14	Do. No. 6 ...	Do. ...	...	2	2	...	...	...	1	5
15	Do. No. 8 ...	Do. ...	...	1	3	...	...	...	...	4
			194	226	217	189	196	190	205	1,417

STATEMENT SHOWING THE NUMBER OF SUBSTANCES, OTHER THAN WATERS, EXAMINED BACTERIOLOGICALLY DURING THE YEAR 1908.

Serial Number.	Name of party sending samples.	Sputum for Tubercle.	Blood for Enteric.	Sputum for Plague.	Urine for Gonococci.	Izal Fluid.	Staphylococci.	Blood for Plague.	Blood for Malaria.	Pus for Gonococci.	Urine for Tubercle.	Izo Izal.	Milk for Enteric.	Izal Powder.	Crephol.	Blood for Relapsing Fever.	Blood for Anthrax.	Spleen for Anthrax.	Peritonial Fluid for Anthrax.	Blood from Lungs for Anthrax.	Blood for Malignant Œdema.	Soda water for Microbes.	Soda water for Cholera.	Soda water for Typhoid.	Soda water for B. Coli.	Lemonade for Microbes.	Milk for Cholera.	Grass for Septicæmia Hæmorrhagica.	Sanitas Okal.	Hyool Disinfecting Fluid.	Total.
1	Medical Practitioners	85	3	1	4	...	...	...	5	8	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	114
2	Dr. Bahadurji's Sanitarium, Deolali..	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
3	Officer-in-Charge, Maratha Hospital..	...	...	2	...	...	6	11	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
4	Executive Health Officer	...	...	...	...	5	...	...	...	...	...	1	...	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	14
5	Deputy Health Officer, A Ward ...	...	...	...	...	...	...	...	33	...	...	...	...	...	...	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	66
6	Do. B Ward ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
7	Do. C Ward ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	1	...	1	...	...	...	5
8	Do. D Ward ...	...	...	...	...	...	...	...	7	...	...	...	1	...	...	7	...	...	...	...	...	1	...	...	...	...	...	...	...	...	16
9	Do. E Ward ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	7	6	1	...	1	...	...	27
10	Do. F Ward ...	...	...	...	...	...	...	...	6	...	...	...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
11	Do. G Ward ...	...	...	...	...	...	...	...	2	...	...	...	3	...	...	2	...	...	...	...	...	..	...	...	...	...	...	...	...	...	7
12	District Registrar, No. 1 ...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...		...	...	...	...	...	6
13	Do. No. 2 ...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
14	Do. No. 3 ...	...	...	...	...	...	...	...	35	...	...	...	...	...	...	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70
15	Do. No. 5 ...	...	...	...	...	...	...	...	4	...	...	...	1	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
16	Do. No. 6 ...	...	...	...	...	...	...	...	7	...	...	...	10	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24
17	Do. No. 7 ...	...	...	...	...	...	...	...	26	...	...	...	...	...	...	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52
18	Do. No. 8 ...	...	...	...	...	...	...	...	29	...	...	...	...	...	...	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	58
19	Do. No. 9 ...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
20	Veterinary Inspector ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	...	...	...	...	...	...	...	...	...	5
	Total ...	90	3	3	4	5	6	11	166	8	3	1	16	5	1	160	1	1	1	1	1	7	8	9	7	1	1	1	1	1	523

STATEMENT SHOWING THE NUMBER OF WATER SAMPLES EXAMINED FOR CHOLERA AND OTHER MICROBES AND IN WHICH THE SAME WERE DETECTED DURING THE YEAR 1908.

Cholera Vibrio.		Enteric.		Gartners.		B. Coli.		B. Enteritidis Sporogenisis.	
Samples Examined for.	Samples in which detected.	Samples Examined for.	Samples in which detected.	Samples Examined for.	Samples in which detected.	Samples. Examined for.	Samples in which detected.	Samples Examined for.	Samples in which detected.
226	4	217	Nil	189	Nil	196	196	190	Nil

Report of the Maratha Plague Hospital for the year 1908.

I.—Administration.

1. The only notable feature in the administration was the admission of European and Eurasian patients suffering from Plague, owing to the St. George's Hospital ceasing to admit them. The number treated however did not exceed 5.

2. As the epidemic of 1908 began late and declined early as in the previous year the demand upon the resources of the hospital was not great. It was therefore possible to relieve the Arthur Road Hospital of Relapsing Fever, Cholera, Erysipelas and other Infectious Diseases cases owing to the accommodation there having been fully taken up for Small-pox patients. From the 28th of February to the 14th of June, all patients suffering from the above diseases were thus treated at the Maratha Hospital.

II.—General Statistics.

3. The total number of admissions was 813, as compared with 708 in 1907 and 1,044 in 1906.

4. The admissions from Plague numbered 609, as against 611 in 1907 and 944 in 1906.

5. There were 84 admissions for observation, 29 of whom were transferred to other hospitals, 18 died and 37 recovered.

6. Of the other Infectious Diseases, Relapsing Fever contributed 104, Cholera 12 and Erysipelas 4. The following statement shows the admissions, deaths, recoveries and the case-mortality rate among the above:—

Diseases.	Admitted.	Died.	Recovered.	Case mortality rate per cent.
Plague	609	432	177	70·93
Relapsing Fever	104	34	70	32·69
Cholera	12	4	8	33·33
Erysipelas	4	...	4	...
Observation Cases	84	18	37*	...

* 29 cases were transferred to other Hospitals.

7. The case-mortality rate among the Plague patients was 70·93 per cent. as compared with 72·35 per cent. during the previous year.

The following table compares the details of admissions, mortality and ratio of deaths within 48 hours from 1902 to 1908:—

Years.	Admissions.	Case mortality rate per cent.	Ratio per cent. of deaths within 48 hours of admission to total death.
1902	1,258	81·55	62·00
1903	1,371	76·29	57·93
1904	1,080	73·79	58·00
1905	1,395	75·34	60·00
1906	944	70·52	56·75
1907	611	72·35	56·85
1908	609	70·93	57·17

The above figures indicate that the hospital case-mortality rate has fluctuated but little during the last 3 epidemics; the same is to be observed in the case of the general mortality rate of those attacked in the City. The following table shows an almost uniform rate of mortality pervading throughout the last 5 epidemics although the number of persons attacked was considerably less than one-half during the last 2 epidemics. The above facts therefore demonstrate that Plague has lost none of its virulence and that it was just as fatal with the lesser incidence of 6,134 attacks during 1908 as with 15,488 and 16,308 during 1904 and 1905 respectively. The individual attacks have not been any the milder and have been characterised by all the usual grave incidents and complications :—

Years.	Number of Plague Attacks.	Number of Plague Deaths.	Case Mortality rate per cent.
1902	16,423	13,820	84·15
1903	23,344	20,788	89·00
1904	15,488	13,538	87·40
1905	16,308	14,198	87·06
1906	12,323	10,823	87·88
1907	7,353	6,389	86·88
1908	6,134	5,361	87·39

III.—Septicæmia in Plague.

8. The bacteriology of Septicæmia in Plague has been exhaustively studied by the Plague Research Commission, whose conclusions have been embodied in their first and fourth reports on Plague Investigations in India in the Journal of Hygiene. The clinical features of Septicæmia, are, however, deserving of notice, inasmuch as, if easily recognisable, they would tend to facilitate prognosis by the bed-side, without the aid of the microscope or bacteriological investigation. The former does not help us except in about 17 per cent. of cases of undoubted Septicæmia and the latter requires time and special appliances for definite results. The study of the clinical features has thus an importance of its own. The following conclusions based upon such clinical study are therefore complementary to the conclusions of the Plague Research Commission :—

(1) There exists no single clinical sign or symptom where by the presence of Septicæmia can be recognised at the bed-side.

(2) A strong presumption of Septicæmia is raised by a thready compressible or imperceptible pulse, especially if accompanied with great nervous prostration, jaundice and rapid wasting of the face.

(3) Although a patient with a Septicæmia may recover, the possibility of recovery is only 3 to 4 per cent.; no recovery with a grave Septicæmia is possible and even with a moderate one, recovery would be helped by the use of the Anti-plague Serum.

(4) Plague marasmus is an almost invariable concomittant in those cases that survive over a week; if acute, it is always fatal; if sub-acute, recovery may take place.

IV.—The Serum Treatment of Plague.

9. Further observations in the Serum-Therapy of Plague were conducted during the year. The total number of observations from 1905 to 1908 now amount to 580 cases with 342 deaths and 238 recoveries, equivalent to a case-mortality rate of 58·9 per cent.

The system of rejection of unfit cases as described in the previous reports is supported by more extended observation, and their elimination becomes all the more necessary in order to ensure demonstratable results from the serum treatment. The rejected cases numbered 879 and they were distributed thus :—

(*a*) 557 cases between the first and fifth day of illness with a mortality rate of 97·2 per cent.

(*b*) 185 cases between the sixth and ninth day of illness with the mortality rate of 60·0 per cent.

(*c*) 110 cases whose duration of illness was ten days and over with a mortality rate of 46·3 per cent.

(*d*) 9 cases of Pestis Ambulans, all of whom recovered, and

(*e*) 3 cases recently inoculated of whom 1 died and 2 recovered.

The inclusion of all or any of the above groups would have seriously vitiated the results of serum treatment by obscuring the real benefit derived from it through the introduction of features unfavourable or favourable to them.

10. The number of patients treated in private practice at Bombay, Indore Karachi, Poona, Calcutta and Patan aggregates to 604. There were 221 deaths and 383 recoveries among them, the case mortality rate being therefore 36·5 per cent. The difference in the results between 755 hospital and 604 private cases is thus nearly 20 per cent.; it indicates the great importance of *early treatment*, apart from differences in social status which to a certain extent favour the latter.

11. Early treatment has given the most satisfactory results as shown by the extremely low mortality rate of 30·7 per cent. among all patients (hospital and private) treated on the first day of illness. Among those treated on the second day it was found to be 52·6 per cent., and among those on the third day of illness 59·8 per cent. The mortality rate thus becomes about doubled by the third day. Considering that the average duration of fatal cases is but five and-a-half days, the above figures demonstrate the grave risks involved in postponing the serum treatment till after the lapse of 48 hours. To be beneficial it must be adopted *early, at as early a stage of the disease as possible*, as laid down by Prof. Kitasato.

12. The racial mortality rate among the serum-treated cases compares favourably with those untreated; it varies according to circumstances and conditions and is better in the former by 15 to 25 per cent.

13. The good result to be obtained from the serum treatment admits of no dispute says Kitasato; Dr. Burnett Ham, the Commissioner of Public Health for Queensland, considers "the immediate and remote results of the treatment to be of a satisfactory nature on the whole". "With serum given early and in sufficient dosage nearly every case of bubonic plague not attended with complications should get well" is the united testimony of various officers who have treated European patients at Queensland. "Our observation" says he, "covering a period of 8 epidemic years convince us that the early introduction of large doses of serum was attended with the best results, and further that there was no reason to believe that the serum in any way aggravated the disease or that any unfavourable influence had been exerted when serum was therapeutically administered to patients actually suffering from Plague or only presenting symptoms suggestive of Plague."

V.—The Investigations of the Plague Research Commission into the Serum-Therapy of Plague.

14. The memorandum that I had the honor to submit to the Sanitary Commissioner with the Government of India in 1907 has had the desired result. The Government of India has now asked the Plague Research Commission to undertake investigation into the Serum-Therapy of Plague at Bombay. After some preliminaries were settled and experiments upon animals made in order to test the relative potency of Yersin's serum from the Pasteur Institute and that prepared at the Lister Institute with which alone it was proposed to carry out these observations, a few cases were treated almost at the end of the epidemic of 1908, with intravenous injection simultaneously with subcutaneous injection. The number of cases so treated is however too limited to allow of any conclusion at the present stage of the inquiry.

VI.—The Preparations of the Supra-Renal Gland in the Treatment of Cardiac Failure in Plague.

15. After exhaustive trials with Adrenalin, which have been described in the previous reports, extract Renaglandin was submitted to investigation owing to its being cheaper in cost. 1,243 patients have been treated with varying doses of the preparation and their effects compared with those from identical doses of Adrenalin. The observations are not yet sufficiently numerous to enable a definite opinion as to the greater efficacy of one preparation over the other. All that can be stated at present is that Renaglandin does not appear to be in any way inferior to Adrenalin in its action upon the Cardio-vascular paresis of Plague. Inasmuch as the scope of the action of all such preparations is limited by the extent of the paresis, as also of Septicæmia present at the time of treatment, mere numerical estimation of the results and their comparison on such basis alone is scarcely adequate to determine the superiority of one preparation over the other.

In order to decide this question once for all, it is imperative that an extended inquiry should be undertaken along scientific lines, embracing the presence and extent of Septicæmia as also of the Cardio-vascular paresis by means of numerous sphygmographic tracings before, during and after the exhibition of these preparations under varying conditions.

Maratha Plague Hospital,
Bombay, 16th January, 1909.

N. H. CHOKSY, M.D.,
Special Asstt. Health Officer.

Report of the Arthur Road Infectious Diseases Hospital for the year 1908.

I.—Administration.

1. There were no changes in the establishment and nursing.

2. The new Small-pox Ward constructed from the donation given by the late Mr. Jamnadass Lalloobhai was completed ; it was equipped with aseptic furniture and electric light fittings by his widow.

3. The existing accommodation having proved insufficient to meet the requirements of the other infectious diseases, owing to the prevalence of Small-pox, patients suffering from Relapsing Fever, Cholera, Erysipelas, etc., had to be transferred to the Maratha Hospital, where they were treated from 28th February till 14th June.

II.—General Statistics.

4. The total number of patients admitted was 1,387, as compared with 817, in 1907, and 1,585 in 1906.

The maximum number of patients present on any particular day was 200, as compared with 68 in 1907, and 168 in 1906.

5. The principal diseases concerned were: (*a*) Small-pox with 828 admissions as compared with 102 in 1907 and 208 in 1906. (*b*) Relapsing Fever patients numbered 180 as contrasted with 380 in 1907 and 813 in 1906. (*c*) There were only 22 admissions from Cholera as against 101 in 1907 and 239 in 1906. (*d*) The number of Erysipelas patients was 27. The following statement indicates the number of admissions, deaths, recoveries and the mortality rates among all the cases :—

DISEASES.	Number of admission.	Died.	Recovered.	Percentage of mortality.
Small-pox	828	251	577	30·31
Chicken-pox	84	.....	84	.....
Measles	67	1	66	1·49
Cholera	22	10	12	45·45
Mumps	2	.....	2	.....
Relapsing Fever	180	53	127	29·44
Whooping Cough	.....	.....	.....	.....
Erysipelas	27	5	22	18·51
Plague...	9	4*	.....	.....
Observation Cases	159	35	124	22·0

* 5 transferred to the Maratha Hospital.

III.—Small-pox.

6. The epidemic of Small-pox commenced as usual during the cold weather, the number of admissions in January being 51. During the four months following they numbered 186, 197, 162 and 107 respectively; in June there were 52 and in July 35 admissions. Although the epidemic declined thereafter, sporadic cases continued to be admitted till the end of the year. The epidemic was of a severe type; the number of confluent and hœmorrhagic cases was large and the proportion of the unvaccinated cases to the vaccinated was also higher than during the epidemic of 1905. 62 per cent. of the admissions were vaccinated and 38 per cent. unvaccinated, as compared with 58 and 42 per cent. respectively during 1908. The following statement shows the admissions from Small-pox and their mortality rate during the four severe epidemics that have visited this City since 1900:—

Epidemics.	Admissions.	Case Mortality rate per cent.
1900	786	26·59
1903	673	28·53
1905	1,450	24·34
1908	826	30·31

The last epidemic was characterised by the heaviest mortality, which apart from its virulence, was also due to the admission of one hundred Hajees on their return from Mecca. Almost all of them were unvaccinated and the mortality rate among them was 46 per cent., sixty-seven of these pilgrims were between the ages 30 and 70, the majority, poor, half starved, weak and debilitated through privation and exposure in the course of their journey.

7. The mortality rate among the vaccinated was slightly higher than during 1905; in the unvaccinated it exceeded by nearly 9 per cent. the rate in 1905:—

	1905.		1908.	
	Admissions.	Case Mortality rate per cent.	Admissions.	Case Mortality rate per cent.
Vaccinated	910	17·36	483	19·7
Unvaccinated	540	36·11	345	45·2

The figures of mortality among the three principal races are instructive. The vaccinated among the Hindus had a somewhat lower rate during 1908; the Mahomedans were rather higher, but the Native Christians exhibited an increase of nearly 10 per cent. This is due to their inadequate protection owing to almost all of them having been vaccinated at Goa. In the unvaccinated, whilst the Hindus and Mahomedans had a higher rate than in 1905, the Native Christians were somewhat lower. But absolutely the highest rate prevailed among the Mahomedans:—

	Vaccinated		Unvaccinated	
	1905	1908	1905	1908
Hindus	13·8	12·1	27·04	37·73
Native Christians	23·91	34·65	44·72	43·62
Mahomedans	30·98	33·73	43·02	56·66

IV.—Cholera.

8. The treatment of Cholera was the same as described in the previous reports. The total number of patients treated on the present system now amounts to 543 cases with 284 deaths and 259 recoveries equivalent to a case mortality of 52·3 per cent. If 124 moribund patients were to be excluded, the mortality rate would be 38·1 per cent. The former rate compares favourably with that of 75·2 per cent. among 930 patients previously treated by other methods at this hospital.

9. As the method of treatment advocated by Rogers and Mackelvie by intravenous injections of hypertonic salt solution is reported to have given still better results, it is worthy of trial, and should opportunity offer, it will be adopted on an extended scale.

V.—Relapsing Fever.

10. The study of 7,131 Relapsing Fever cases treated at the Arthur Road Hospital upto the end of 1907, reveals the fact that the Bombay fever, though analogous to the European and American varieties is more fatal, on account both of its greater virulence as also from the peculiar conditions under which it has prevailed at Bombay. The fever attacks mostly the low caste Hindus and next in order the labouring classes consisting of millhands, coolies, dock labourers, etc. They form the bulk of our admissions amounting to over 91 per cent. The Mahomedans contribute about 7 per cent. and the Native Christians, mostly Goanese, over 1 per cent.

11. The mortality rate recorded in the European and American varieties has been extremely low, and does not usually exceed 5 per cent, except in the graver type. On the other hand, the Bombay type has been always characterised by a higher rate. Vandyke Carter has noted it at 18·02 per cent. in the epidemic of 1877. The average mortality rate among our patients was 30·07 per cent. although it has varied in different epidemics. During 1897 and 1898, it remained between 15 to 20 per cent. in 2,045 cases; but after the great famine, it rose as high as 43·80 per cent. and subsequent to 1902, it has oscillated, between 28 to 39 per cent. Successive famines with all the attendent sequelæ, chronic destitution, insufficiency of food and clothing, herding together in overcrowded tenements, together with an unprecedented prevalence of Phthisis amongst its victims, in the majority of whom this infection is but the last phase of their existence, all these were the factors contributing to the heavy mortality. And besides, the graver type of fever otherwise called "Typhus-Bilious Fever" forming as it did from 15 to 20 per cent. of the total cases added to the mortality. The total neglect and absolute want of care during the invasion attack, and the state of collapse and almost moribund condition in which a large proportion of patients are admitted are also responsible for the fatality. Among those infected under better hygienic conditions as prisoners in Jails (more than 300 of whom have been treated) mortality does not exceed more than 5 per cent.

12. The mortality rate among Hindus was 30·3 per cent., in Mahomedans it was 35·1 per cent. and among the Goanese 37·7 per cent. The incidence of the disease falls mainly upon males who formed 73·7 per cent. of all admissions, the females 17·7 per cent. and children 9 per cent. The mortality rate was 32·1 per cent. in males and females and 16·1 per cent. among children.

13. The Etiology and clinical manifestations of Bombay Relapsing Fever, I have described at length in a paper contributed to the Bombay Medical Congress, 1909. Any details would be, therefore, out of place in this report. All that need be said here, in addition to the above data, is that in the Bombay fever 50 per cent. of the cases do not show relapses; one relapse only has been noticed in 40 per cent., 2 relapses in 7 per cent. and 3 and more relapses in 7 per cent.

14. The following tabulation of the clinical and other manifestations of the European, Indian, American and African varieties indicates that the African Tick Fever though a variety of Relapsing Fever is not identical with any of the other types :—

	EUROPEAN.	INDIAN.	AMERICAN.	AFRICAN.
Incubation period	5-7 days	7 days	5-7 days	7-10 days.
Duration of first attack	5-6 „	5-7 „	5-6 „	Average 3 days (rarely 4-5 days).
Duration of apyrexia	7-10 „	5-13 „ occasionally up to 19 days. ...	7-10 „	1-8 days (occasionally 10-18).
Number of relapses	1-2 „	1 relapse in 40 p.c., 2 in 7 p.c. and 3 and more in 3 p.c.	One (rarely 2-5)	3-5 days (sometime up to 11).
Relapses absent		In 50 per cent.	Not uncommon	
Rigors and sweating	Present	Very frequent	Present	Rigors in 50 p.c. only sweating present.
Pains in limbs, muscles, &c.	do.	Do.	Do.	Frequent.
Toxæmia (Bilious Typhus Type) ...	Mentioned	Present in 10-20 p.c.	Mentioned	
Low pulse-rate after crisis	Present	Almost invariably present	Present	
The tongue	Large and moist except in grave infection.	Large flabby and moist except in grave infection.	Large and moist except in grave infection.	
Appetite	Poor, sometimes voracious	Poor, rarely voracious	Poor	
Jaundice	Mild except in grave infection	Present in 70-80 p.c. grave in toxæmia ...	Mild except in grave infection ...	Infrequent in Uganda.
Vomiting of bile	Not uncommon	Present in 70-80 p.c.	Not uncommon	Not usual.
Diarrhœa...	Of brief duration	Present in 12 p.c.	Moderate	Always in Congo, infrequent elsewhere.
Tympanites	Grave in toxæmia	Invariably associated with toxæmia ...	Grave in toxæmia...	
Hiccough	Present	Often persistent	Present	Mentioned.
Hæmorrhages from stomach and intestines.	Not frequent	More frequent than in the other varieties.	Not frequent	
The Liver	Enlarged	Enlarged and tender	Enlarged	Enlarged.
The Spleen	do.	Do. Do.	Do.	Do.
Parotitis	Mentioned	Present in about 10 p.c.		
The Urine	High coloured, scanty	Highly bilious, scanty	High coloured	
Hæmaturia		Observed more frequent than other hæmorrhages.		
Epistaxis...	Mentioned	Present in 10-15 p.c.	More frequent than other hæmorrhages.	Mentioned.
Pulmonary symptoms	Do.	Present more so in toxæmia	Present	Do.
Delirum (violent)	Do.	Not uncommon mamacal	Do.	Infrequent.
Facial Paralysis				Mentioned.
Eye affections	Mentioned	Present in about 1 p.c.	Mentioned	Frequent (Moffat, Harford and Cook.)
Sub-conjunctival Hæmorrhage		Not uncommon		
Abortion and miscarriage	Observed	Always	Observed	Almost always.
Mortality rate	Very low under 5 p.c., except in grave infection.	30-40 p.c. in all cases ; if toxæmia cases are excluded 15-20 p.c.	2-4 p.c. rarely 10 p.c. higher intoxæmia.	13-6 p.c. About 50 p.c. on the Zambesi

The African type, whilst characterised by shorter duration of individual attacks, has more relapses than in the other types, the complications and sequelæ are never so grave and its fatality though heavier than in its American and European prototypes occurs, be it noted, in people who have no strain of European blood, who are exposed to laborious avocations involving extraordinary physical exertion, and whose habits and mode of life are anything but sanitary. Given the same conditions and circumstances of infection as in Europe or America its fatality would I think be infinitesimal.

15. It is not so easy on the other hand to point to such marked differences among the other three varieties. The Bombay type, appears on the whole to be more virulent, and although it exhibits some variations from the European and American, they are so in degree and not in kind. The similarity is so striking, that I am almost tempted to suggest that these variations owe their origin to the differences of climate and race altering the environment of the identical strain of the spirillum, thus rendering it more malignant and less susceptible to resistance in the tropics, as compared with the temperate climates in Europe and America. Whether the morphological difference observed by Novy and Knapp, and Mackie between the American and Indian strains could be thus accounted for, I would leave it to others more competent than myself to indicate. Is it too much to conclude that other affections common to different parts of the world are similarly affected by such conditions? Whatever future investigations in regard to the specificity of the different strains of the spirochætes associated with these varieties of Relapsing Fever might bring forth, some crucial observations by transporting the Indian strain to a colder climate, and studying its behaviour in infection under modified conditions are necessary to elucidate how far one and the same strain of the organism is capable of altering its infectivity for the better or worse in accordance with the environment in which it may be placed.

N. H. CHOKSY, M.D.,

Special Asstt. Health Officer.

ARTHUR ROAD INFECTIOUS DISEASES HOSPITAL,

Bombay, 21st January 1909.

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Meteorological Data (Government Observatory, Colaba) Latitude 18° 53′ 45″ North, Longitude 72° 48′ 56″ East.

MONTHS.	Barometer. Mean Daily Readings.	Reading of Thermometer. Maximum.	Minimum.	Mean Daily Range.	Mean Daily Value.	Mean Daily Value.	Mean Maximum Solar Radiation.	Difference between Dewpoint, Temperature and Mean Air Temperature.	Degree of Humidity, complete Saturation being 100.	Prevailing Direction of Wind.	Rainfall. Number of Days on which Rain fell.	Total Fall of Rain during the Month.	Maximum Fall of Rain.
1908.	in.	°	°	°	°		°	°				in.	in.
January	29·961	84·8	63·4	10·7	75·6		127·2	11·7	68	N.	3	0·10	0·08
February	·892	89·4	62·3	10·6	75·4		126·5	12·5	66	N. N. W.	1	0·06	0·06
March	·881	86·4	65·4	9·3	77·6		126·1	11·2	70	N. W.	1	0·06	0·06
April	·792	94·3	75·9	8·6	83·3		131·1	10·6	71	W. N. W.	.....	.....	.....
May	·800	90·4	79·2	7·7	85·1		133·5	10·3	72	W	.....	.....	.....
June	·688	91·4	77·4	6·0	84·6		126·6	7·6	78	S. W.	16	15·19	4·00
July	·664	84·8	75·9	3·4	80·9		113·7	4·5	86	W. S. W.	29	21·13	4·30
August	·700	83·2	76·3	3·8	79·9		117·2	4·5	86	W. S. W.	27	9·67	1·21
September	·772	87·8	76·1	6·0	81·1		125·8	5·1	85	W. N. W.	20	6·71	1·46
October	·828	88·9	73·2	7·3	82·0		130·1	6·9	80	N. N. W.	3	0·62	0·36
November	·901	86·4	69·4	10·2	78·6		128·5	11·1	70	N.	.....	.....	.....
December	·947	86·2	65·4	12·0	75·2		127·5	13·0	65	N. N. E.	.....	.....	.....

TABLE showing the population and the number of births and birth rate by Sex and Section in 1908.

1	2	3			4			5			6	7	8	9		
Wards.	SECTIONS.	Population according to the Census of 1906.			Number of births registered.			Ratio of births per 1,000 of population.			Number of male births to every 100 female births.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.	Mean ratio of births per 1,000 during the previous 5 years.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.
A	Upper Colaba	2,808	921	3,775	55	35	90	19·58	38·00	23·84	157·14	·79	...	15·47	38·63	21·88
	Middle and Lower Colaba	10,064	5,246	15,310	123	126	249	12·22	24·01	16·26	97·61	...	13·97	16·08	25·16	19·45
	Fort South	3,170	774	3,944	9	11	20	2·83	14·21	5·07	81·81	...	12·17	6·60	21·83	9·54
	Fort North	17,269	11,509	28,778	282	286	568	16·32	24·85	19·73	98·60	...	20·01	20·78	30·61	24·75
	Esplanade...	7,747	3,268	11,015	92	68	160	11·87	20·80	14·52	135·29	...	58·19	13·54	28·23	18·03
B	Mandvi	23,211	14,947	38,158	263	260	523	11·33	17·39	13·70	101·15	...	27·33	18·19	25·63	21·19
	Chukla	18,882	10,480	29,362	265	262	527	14·03	25·00	17·94	101·14	...	24·48	21·70	33·93	26·35
	Umarkhadi	32,261	21,349	53,610	497	446	943	15·40	20·89	17·59	111·43	...	29·58	18·91	25·48	21·58
	Dongri	17,427	15,236	32,663	352	343	695	20·19	22·51	21·27	102·62	...	23·05	22·34	26·82	24·35
C	Market	24,534	10,771	35,305	188	194	382	7·66	18·01	10·81	96·90	...	17·87	11·58	23·22	15·33
	Dhobi Talao	22,778	13,816	36,594	354	324	678	15·54	23·45	18·52	109·25	...	21·99	17·98	26·47	21·28
	Fanaswadi	18,533	10,707	29,240	216	208	424	11·65	19·42	14·50	103·84	...	17·44	15·25	23·40	18·27
	Bhuleshwar	25,086	13,043	38,129	273	237	510	10·88	18·17	13·37	115·18	...	30·02	13·94	23·07	17·19
	Khara Talao	16,906	10,029	26,935	297	266	563	17·56	26·52	20·90	111·65	...	30·10	23·13	35·91	28·00
	Kumbharwada	20,738	12,046	32,784	324	271	595	15·62	22·49	18·14	119·55	...	16·95	18·04	25·79	21·05
D	Khetwadi	20,968	12,611	33,579	313	297	610	14·92	23·55	18·16	105·38	...	13·78	19·60	27·48	22·63
	Girgaum	17,388	11,061	28,449	248	195	443	14·26	17·62	15·57	127·17	...	20·49	17·11	26·10	20·59
	Choupati	7,765	5,268	13,033	104	85	189	13·39	16·13	14·50	122·35	...	9·51	19·57	27·16	22·59
	Walkeshwar	8,448	4,237	12,685	73	79	152	8·64	18·64	11·98	92·40	...	8·82	12·10	21·06	15·15
	Mahalakshmi	15,199	9,451	24,650	225	247	472	14·80	26·13	19·14	91·09	...	8·76	18·49	25·04	21·04
E	Mazagaon	18,481	12,391	30,872	479	457	936	25·91	36·88	30·31	104·81	...	13·89	19·65	26·78	22·50
	Tarwadi	16,439	9,839	26,278	394	400	794	23·96	40·65	30·21	98·50	...	29·68	23·29	34·04	27·33
	2nd Nagpada	13,102	8,914	22,016	301	255	556	22·97	28·60	25·25	118·03	...	27·34	23·40	31·65	26·90
	Kamathipura	21,109	15,375	36,484	483	450	933	22·88	29·26	25·57	107·33	...	23·92	24·87	30·05	27·07
	Tardeo	16,352	11,841	28,193	376	358	734	22·99	30·23	26·03	105·02	...	14·25	25·45	33·35	28·76
	Byculla	47,846	28,434	76,280	1,202	1,347	2,549	25·12	47·37	33·41	89·23	...	11·43	25·10	37·56	29·93
	1st Nagpada	2,237	1,098	3,335	40	41	81	17·88	37·34	24·28	97·56	...	22·48	5·76	7·66	6·64
F	Parel	28,774	18,186	46,960	510	485	995	17·72	26·66	21·18	105·15	...	13·58	19·64	28·03	22·87
	Sewri	9,655	6,330	15,985	182	178	360	18·85	28·12	22·52	102·24	...	15·07	21·45	28·96	24·47
	Sion	18,225	12,290	30,515	400	351	751	21·94	28·55	24·61	113·96	...	13·23	21·55	29·73	24·82
G	Mahim	18,203	12,975	31,178	446	399	845	24·50	30·75	27·10	111·77	...	4·87	25·42	31·49	27·95
	Worli	41,754	27,734	69,488	990	847	1,837	23·71	30·54	26·43	116·88	...	12·70	20·78	29·25	24·17
	Harbour and Docks, Railways and Homeless	29,606	2,634	32,240	1	1	2	·03	·37	·06	99·99	...	6·85	·06	·61	·11
	Total ...	612,965	364,811	977,822	10,357	9,809	20,166	16·89	26·88	20·62	105·58	...	18·51	18·55	28·38	22·26

TABLE showing the number of Deaths and Death-rate from some of the Principal Diseases by Section in 1908.

1	2	3	4	5			6			7	8																9		
				Population by the census of 1906.			Number of deaths registered.				Death rate per 1,000 of population from																Mean Ratio of deaths per 1,000 during the previous 5 years.		
Wards.	SECTIONS.	Area in square mile.	Average population per square mile calculated on the census population of 1906.	Males.	Females.	Total.	Males.	Females.	Total.	Number of deaths amongst males to every 100 deaths amongst females.	Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Diarrhœa and Dysentery.	Tubercle.	Phthisis.	Other Respiratory Diseases.	Injury.	All other causes.	All causes. Males.	All causes. Females.	All causes. Total.	Males.	Females.	Total.
A	Upper Colaba	·22	17,159	2,808	921	* 3,775	59	28	87	210·71	...	...	·26	...	·79	·26	·79	3·44	1·05	1·85	2·91	·79	10·80	21·01	30·40	23·04	19·67	24·83	20·85
	Middle and Lower Colaba	·42	36,452	10,064	5,246	15,310	291	172	463	169·18	...	·39	·32	4·85	·39	·13	2·67	2·41	·26	1·56	7·96	1·43	7·83	28·91	32·78	30·24	44·76	52·11	47·42
	Fort, South	·21	18,780	3,170	774	3,944	55	13	68	423·07	...	·25	...	3·54	·76	...	1·52	1·26	·76	·50	3·29	·76	4·56	17·35	16·79	17·24	19·12	27·65	20·76
	Fort, North	·21	137,038	17,269	11,509	28,778	636	508	1,144	125·19	·03	·59	·27	3·92	1·04	·20	4·76	2·81	·79	3·30	8·30	·86	12·82	36·82	44·13	39·75	48·33	53·01	50·22
	Esplanade	1·04	10,591	7,747	3,268	11,015	539	262	801	205 72	·09	1·36	·45	3·44	3·17	1·18	10·25	5·90	2·17	2·90	17·24	6·08	18·42	69·57	80·17	72·71	50·69	49·56	50·35
B	Mandvi	·26	146,761	23,211	14,947	38,158	908	658	1,566	137·99	·13	·60	·57	6·18	·62	·02	2·62	1·70	·26	1·80	12·76	·62	13·10	39·11	44·02	41·03	59·61	67·89	62·95
	Chukla	·08	367,025	18,882	10,480	29,362	661	585	1,246	112·99	·06	·40	·78	6·19	·30	·06	1·63	2·28	·57	4·63	10·62	·68	14·16	35·00	55·82	42·43	50·68	66·67	56·79
	Umarkhadi	·16	335,062	32,261	21,349	53,610	1,450	1,079	2,529	135·31	·03	·98	1·56	5·80	·50	·07	3·89	3·39	3·30	4·30	10·35	·63	12·31	44·94	50·54	47·17	52·80	65·34	67·87
	Dongri	·45	72,784	17,427	15,236	32,663	793	655	1,448	121·06	·11	·48	·91	4·71	1·62	...	4·80	4·19	1·62	1·59	11·63	·79	11·94	45·50	42·99	44·33	67·42	65·25	66·45
C	Market	·14	252,178	24,534	10,771	35,305	642	371	1,013	173·04	·43	·28	·25	5·69	·48	·11	1·84	1.67	·33	1·44	5·72	·73	9·99	26·16	34·44	28 69	44·50	66·43	48·37
	Dhobi Talao	·16	228,712	22,778	13,816	36,594	847	636	1,483	133·17	·13	1·50	·38	8·71	·32	·35	2·45	2·26	·68	1·63	9·37	·79	11·58	37·18	46·03	40·52	50·62	53·66	51·83
	Fanaswadi	·20	146,200	18,533	10,707	29,240	535	399	934	134·08	·39	·95	·51	8·24	·34	·10	1·94	1·40	·20	1·12	8·27	·34	8·34	28·86	37·26	31·94	50·54	57·21	53·05
	Bhuleshwar	·12	317,741	25,086	13,043	38,129	967	688	1,655	140·55	·03	·73	·81	9·83	·18	...	2·30	2·30	·41	3·93	9·91	·76	11·80	38·54	52·74	43·40	53·54	68·72	58·94
	Khara Talao	·07	384,785	16,906	10,029	26,935	745	629	1,374	118·44	·12	·85	·89	7·23	·11	·14	4·23	4·75	·63	2·07	12·69	1·41	15·92	44·06	62·71	51·01	60·48	78·21	67·20
	Khumbharwada	·07	468,342	20,738	12,046	32,784	648	503	1,151	128·82	·05	1·09	1·06	6·29	·06	·03	2·19	2·71	·27	1·76	9·36	·42	9·79	31·25	41·75	35·10	55·27	66·44	59·64
D	Khetwadi	·27	124,366	20,968	12,611	33,579	604	469	1,073	128·78	·49	·59	·11	3·81	·23	·32	2·11	3·18	·71	·95	8·72	·50	10·60	28·80	37·18	31·95	42·45	50·48	45·54
	Girgaum	·20	142,245	17,388	11,061	28,449	537	489	1,026	109·81	·07	·84	·21	3·55	·45	·14	1·93	2·70	·84	2·42	8·85	·52	13·07	30·88	44·20	36·06	48·60	58·81	52·56
	Chroupati	·17	76,664	7,765	5,268	13,033	171	142	313	120·42	·15	·23	·15	3·68	·46	·15	·92	1·76	·30	1·84	5·21	·61	8·59	22·02	26·95	24·01	45·07	53·23	48·32
	Walkeshwar	·85	14,923	8,448	4,237	12,685	157	107	264	146·72	·04	...	...	4·72	·70	.07	·86	·86	·39	·55	5·12	·31	7·01	18·58	25·25	20·81	28·33	31·33	29·44
	Mahalakshmi	1·00	24,650	15,199	9,451	24,650	407	281	688	144·83	·06	1·05	·36	3·65	·08	.20	2·47	2·27	·12	2·02	6·53	·52	8·55	26·77	29·73	27·91	41·57	44·51	42·72
E	Mazagaon	·96	32,158	18,481	12,391	30,872	796	569	1,365	139·89	·07	·80	·38	8·32	·16	·19	4·63	3·46	·32	1·39	9·84	·68	13·92	43 07	45·92	44·21	60·70	65·21	62·48
	Tarwadi	·75	35,037	16,439	9,839	26,278	921	653	1,574	141·04	...	1·02	·79	8·41	·76	·30	5·51	7·26	1·71	2·47	10·73	3·61	17·20	56·02	66·36	59·89	76·62	92·89	82·68
	2nd Nagpada	·05	440,320	13,102	8,914	22,016	637	521	1,158	122·26	·02	·95	1·27	5·08	·09	·04	3·67	3·40	·68	3·36	14·17	·77	19·07	48 ·61	58·44	52·61	63·67	80·10	70·48
	Kamathipura	·10	364,840	21,109	15,375	36,484	973	833	1,806	116·80	·07	2·27	·38	4·93	·02	·02	5·07	4·27	·65	2·27	11·10	·68	17·76	46·09	54·17	49·50	72·00	79·17	75·05
	Tardeo	·36	78,313	16,352	11,841	28,193	634	502	1,136	126·29	...	1·52	·60	4·75	·03	·07	3.12	2·58	·56	3·19	11·49	·49	11·77	38·77	42·39	40·29	57·10	65·01	60·45
	Byculla	·80	95,350	47,846	28,434	76,280	1,823	1,598	3,421	114·08	·29	1·29	·94	6·09	·06	·06	3·48	3·85	·23	2·63	10·80	·53	14·82	38·10	56·20	44·84	59·55	75·96	65·89
	1st Nagpada	·05	66,700	2,237	1,098	3,335	101	55	156	183·63	·02	3·29	·89	5·09	·29	...	2·09	4·49	1·19	3·29	10·19	·89	14·69	45·14	50·09	46·77	10·25	12·32	11·06
F	Parel	·86	54,604	28,774	18,186	46,960	880	753	1,633	116·86	...	1·98	·93	4·17	·04	·06	2·70	3·17	·14	4·23	6·11	·89	10·28	30·58	41·40	34·77	48·88	60·39	53·35
	Sewri	·70	22,835	9,655	6,330	15,985	357	244	601	146·31	·22	1·25	·56	6·56	·06	...	3·25	5·81	·06	2·56	5·75	·68	11·01	36·97	38·54	37·59	42·62	52·25	46·53
	Sion	6·66	4,681	18,225	12,290	30,515	663	492	1,155	134·75	·06	·95	·39	4·03	·06	·03	3·40	5·04	·19	2·85	5·96	·52	14·15	36·37	40·03	37·85	44·34	50·72	46·92
G	Mahim	2·01	15,511	18,203	12,975	31,178	547	450	997	121·55	...	·51	·25	3·07	·06	·09	1·31	5·09	·22	1·63	8·56	·57	10·48	30·04	34·68	31·97	39·19	46·49	42·24
	Worli	2·84	24,467	41,754	27,734	69,488	1,450	1,270	2,720	114·17	·06	1·62	1·23	5·31	·05	·02	2·64	4·13	·18	2·84	9·28	·59	11·06	34·72	45·79	39·14	53·23	65·17	58·00
	Harbour and Docks, Railways and Homeless ...	...	...	29,606	2,634	32,240	211	12	223	...	...	1·55	...	·09	·18	·06	·86	·52	·31	·18	·77	1·14	1·14	7·12	4·55	6·91	4·09	2·76	3·97
	Total...	22·45	43,555	612,965	364,811	* 977,822	21,645	16,626	38,271	130·18	·09	1·04	·66	5·48	·33	·11	3·02	3·25	·65	2·44	9·15	·82	12·03	35·31	45·57	39·13	49·55	62·05	54·27

* Includes 46 persons whose sex was not returned.

TABLE showing the number of Deaths registered by Section and Month in 1908.

1	2	3												4
Wards	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total No. of deaths registered in 1908.
A	Upper Colaba	14	8	5	6	7	8	7	2	3	11	5	11	87
	Middle and Lower Colaba	44	40	48	48	53	20	31	35	46	30	33	35	463
	Fort, South	9	4	12	12	5	1	3	3	6	4	6	3	68
	Fort, North	77	95	123	128	118	96	64	74	79	103	93	96	1,144
	Esplanade	61	81	87	81	71	44	35	48	54	98	66	75	801
B	Mandvi	103	100	168	172	139	115	92	122	129	178	121	127	1,566
	Chukla	84	110	172	191	110	82	84	81	78	109	78	67	1,246
	Umarkhadi	195	265	370	280	215	156	180	166	157	182	158	205	2,529
	Dongri	125	163	198	175	130	89	89	105	91	93	97	93	1,448
C	Market	66	98	92	129	117	52	64	75	58	99	72	91	1,013
	Dhobi Talao	119	112	199	208	161	112	102	86	89	107	75	113	1,483
	Fanaswadi	69	73	131	142	89	70	59	38	67	57	63	76	934
	Bhuleshwar	138	142	217	254	164	101	113	112	89	114	100	111	1,655
	Khara Talao	118	125	176	195	145	92	107	66	81	96	86	87	1,374
	Kumbharwada	100	106	146	152	132	86	70	63	69	68	76	83	1,151
D	Khetwadi	107	95	116	158	93	92	57	75	64	73	66	77	1,073
	Girgaum	92	91	102	100	115	74	75	78	69	76	65	89	1,026
	Choupati	29	46	41	35	20	19	21	20	22	22	21	17	313
	Walkeshwar	21	30	38	36	34	10	15	17	14	20	12	17	264
	Mahalakshmi	55	70	89	101	55	47	42	63	32	36	45	53	688
E	Mazagaon	108	133	182	165	126	82	106	96	89	102	82	94	1,365
	Tarwadi	112	133	204	188	136	110	85	120	125	121	126	114	1,574
	2nd Nagpada	105	95	141	145	120	94	81	67	67	83	84	76	1,158
	Kamathipura	148	173	239	239	163	112	122	124	133	106	115	132	1,806
	Tardeo	84	90	151	153	140	86	84	73	71	67	65	72	1,136
	Byculla	251	339	545	445	328	244	213	191	230	199	203	233	3,421
	1st Nagpada	12	15	16	21	17	10	17	10	6	11	9	12	156
F	Parel	129	132	175	219	171	141	132	116	138	106	88	86	1,633
	Sewri	45	68	80	84	56	30	31	45	41	39	39	43	601
	Sion	97	81	185	131	104	87	102	126	93	83	57	69	1,155
G	Mahim	89	68	103	112	93	66	67	81	74	78	69	97	997
	Worli	228	232	365	377	317	178	187	186	142	170	173	165	2,720
	Harbour and Docks, Railways and Homeless	10	89	22	25	7	13	5	10	9	9	12	12	223
	Total ...	3,044	3,502	4,878	4,907	3,571	2,619	2,542	2,574	2,515	2,750	2,458	2,731	38,271

TABLE showing the number of Deaths registered from all Causes by Section and Age Period in 1908.

1	2	3		4		5		6		7		8		9		10		11		12		13		14		15
Wards.	SECTIONS.	Under 1 year.		1 year and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.		Unspecified.		Total.		Total.
		Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Total.
A	Upper Colaba	19	6	2	5	...	...	3	...	1	2	9	4	13	3	5	2	2	1	5	5	...	...	59	28	87
	Middle and Lower Colaba ...	60	52	13	18	8	8	13	8	19	16	78	31	44	18	23	8	20	6	13	7	...	...	291	172	463
	Fort, South	3	3	1	4	1	...	3	1	4	...	15	1	11	3	5	1	10	...	2	...	...	...	55	13	68
	Fort, North	118	115	65	53	18	18	19	26	37	40	108	81	82	40	65	34	57	40	67	61	...	...	636	508	1,144
	Esplanade	79	60	24	40	18	18	13	11	30	22	110	35	96	15	59	18	62	20	46	23	2	...	539	262	801
B	Mandvi	188	168	57	78	17	24	42	36	65	68	164	86	143	46	80	49	70	42	82	61	...	...	908	658	1,566
	Chukla	119	117	65	76	18	34	24	39	57	79	109	94	101	41	56	21	46	30	66	54	...	...	661	585	1,246
	Umarkhadi	306	242	172	136	40	38	59	64	94	81	245	177	182	118	117	60	105	55	129	108	1	...	1,450	1,079	2,529
	Dongri	189	227	79	107	30	23	30	23	72	45	146	78	107	44	52	29	42	29	46	50	...	...	793	655	1,448
C	Market	104	92	54	34	8	12	31	23	62	36	112	58	88	22	80	15	53	34	50	45	...	...	642	371	1,013
	Dhobi Talao	133	135	66	64	18	23	47	37	79	66	166	88	112	71	91	43	69	35	66	74	...	...	847	636	1,483
	Fanaswadi	95	88	44	44	20	15	30	16	65	46	106	65	61	34	44	26	30	32	40	33	...	...	535	399	934
	Bhuleshwar	176	147	64	86	26	32	38	39	88	73	181	109	133	52	101	42	80	48	80	60	...	...	967	688	1,655
	Khara Talao	143	146	58	82	19	26	30	33	61	75	120	103	103	48	55	30	73	42	83	44	...	...	745	629	1,374
	Kumbharwada	172	149	82	61	15	20	32	15	52	46	105	95	73	37	37	23	40	19	39	38	1	...	648	503	1,151
D	Khetwadi	139	114	61	48	21	23	23	30	53	33	95	70	63	45	48	28	45	18	55	60	1	...	604	469	1,073
	Girgaum	113	110	64	41	20	25	15	22	40	52	102	95	67	39	38	25	37	35	41	45	...	...	537	489	1,026
	Choupati	44	26	16	16	4	9	12	8	10	11	35	27	17	12	13	10	7	8	13	15	...	...	171	142	313
	Walkeshwar	25	31	7	12	6	2	7	4	18	9	42	14	28	10	11	5	5	6	8	14	...	...	157	107	264
	Mahalakshmi	90	77	30	32	15	17	14	3	32	29	78	36	58	32	32	14	34	17	24	24	...	...	407	281	688
E	Mazagaon	183	159	53	61	22	36	38	27	63	47	152	84	93	52	87	29	50	33	55	41	...	...	796	569	1,365
	Tarwadi	198	212	57	63	25	33	31	43	59	33	179	104	158	67	108	27	65	42	40	29	1	...	921	653	1,574
	2nd Nagpada	154	110	67	75	21	35	23	21	38	47	103	92	71	42	46	14	57	28	57	57	...	...	637	521	1,158
	Kamathipura	263	217	113	106	27	36	37	40	55	81	176	133	113	69	71	47	60	43	58	61	...	...	973	833	1,806
	Tardeo	156	143	68	73	25	23	23	18	55	39	122	85	80	36	41	22	31	26	33	37	...	...	634	502	1,136
	Byculla	441	426	229	258	75	70	53	74	127	119	373	233	201	142	103	71	102	77	119	128	...	...	1,823	1,598	3,421
	1st Nagpada	19	16	8	6	2	2	5	1	7	7	30	7	14	1	9	3	1	3	6	9	...	...	101	55	156
F	Parel	221	223	79	106	37	38	50	43	84	54	168	104	98	55	48	23	38	40	57	67	...	...	880	753	1,633
	Sewri	93	90	34	29	10	10	26	5	21	19	58	25	44	22	26	6	22	16	23	22	...	...	357	244	601
	Sion	182	146	80	64	18	22	24	13	43	39	98	80	93	38	45	21	44	25	36	44	...	...	663	492	1,155
G	Mahim	135	126	67	63	16	22	19	10	32	37	76	62	63	35	50	12	46	25	43	58	...	...	547	450	997
	Worli	400	343	159	194	56	57	70	73	157	106	242	175	141	109	83	48	75	73	67	92	...	...	1,450	1,270	2,720
	Harbour and Docks, Railways and Homeless...	1	...	...	...	1	...	4	...	14	1	41	1	48	1	37	2	42	3	19	4	4	...	211	12	223
	Total...	4,761	4,316	2,038	2,135	657	751	888	806	1,694	1,458	3,944	2,532	2,799	1,399	1,766	808	1,520	951	1,568	1,470	10	...	21,645	16,626	38,271
	Persons ...	9,077		4,173		1,408		1,694		3,152		6,476		4,128		2,574		2,471		3,038		10		38,271		...
	Percentages to Total Mortality ...	23·71		10·90		3·67		4·42		8·23		16·92		10·96		6·72		6·45		7·93		·02		100·00		

TABLE showing the Population, the Number of Deaths from all causes and the

1	2	3								
		Population by the Census of 1906.								
Wards.	SECTIONS.	Hindus.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Others and Unknown.	Total.
A	Upper Colaba	1,602	145	110	1	146	14	1,757	.....	3,775
	Middle and Lower Colaba... ...	10,341	813	874	84	1,288	67	1,827	16	15,310
	Fort, South...	1,713	162	87	148	930	115	754	35	3,944
	Fort, North...	14,823	1,433	10,790	39	1,228	142	314	9	28,778
	Esplanade	7,205	941	529	117	954	265	997	7	11,015
B	Mandvi	32,472	5,087	24	452	79	.....	43	1	38,158
	Chukla	11,250	17,934	135	.....	15	15	13	.....	29,362
	Umarkhadi	19,029	32,497	55	1,336	671	.....	14	8	53,610
	Dongri	29,647	2,200	15	579	188	2	32	.....	32,663
C	Market	29,626	2,780	2,159	4	583	79	72	2	35,305
	Dhobi Talao	22,381	939	8,641	1	4,600	9	14	9	36,594
	Fanaswadi	25,483	504	1,920	7	1,326	.....	.....	.....	29,240
	Bhuleshwar...	25,886	11,597	633	2	11	.....	.....	.....	38,129
	Khara Talao	9,612	16,993	280	7	39	.....	.....	4	26,935
	Kumbharwada	29,496	2,816	408	4	50	10	.....	.....	32,784
D	Khetwadi	21,824	4,392	6,402	18	668	60	215	.....	33,579
	Girgaum	26,499	460	546	2	762	82	98	.....	28,449
	Choupati	11,477	285	797	1	353	52	68	.....	13,033
	Walkeshwar	9,372	709	1,002	22	681	232	654	13	12,685
	Mahalakshmi	19,385	741	3,322	18	538	161	485	.....	24,650
E	Mazagaon	21,692	3,705	1,480	55	2,752	485	703	.....	30,872
	Tarwadi	20,527	2,373	745	287	1,118	385	843	.....	26,278
	2nd Nagpada	7,271	13,853	83	553	120	61	65	10	22,016
	Kamathipura	29,436	5,983	196	147	480	99	94	49	36,484
	Tardeo	19,872	4,414	2,835	30	617	164	229	32	28,193
	Byculla	57,625	14,088	523	493	1,890	719	937	5	76,280
	1st Nagpada	2,062	697	53	223	129	88	83	.....	3,335
F	Parel	42,837	1,999	1,354	103	480	48	139	.....	46,960
	Sewri	14,729	734	30	16	350	25	101	.....	15,985
	Sion	25,319	2,362	594	17	1,998	93	132	.....	30,515
G	Mahim	24,582	3,251	553	35	2,511	86	160	.....	31,178
	Worli	62,108	2,674	1,331	539	2,080	240	516	.....	69,488
	Harbour and Docks, Railways and Homeless	18,971	9,116	318	27	588	113	3,015	92	32,240
	Total ...	706,154	168,677	48,824	5,367	30,223	3,911	14,374	292	977,822

Death-rate per 1,000 by Class and Section in 1908.

4									5								
Number of Deaths from all Causes Registered amongst									Death rate per 1,000 of Population amongst								
Hindus	Mussulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Others and Unknown.	Total.	Hindus.	Mussulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Others and Unknown.	Total.
41	6	8	...	5	1	26	...	87	25·59	41·37	72·72	...	34·24	71·42	14·79	...	23·04
344	43	10	2	26	...	38	...	463	33·26	52·89	11·44	23·80	20·18	...	20·79	...	30·24
31	3	1	...	13	3	17	...	68	18·09	18·51	11·49	...	13·97	26·08	22·54	...	17·24
644	80	351	...	53	11	5	...	1,144	43·44	55·82	32·53	...	43·15	77·46	15·92	...	39·75
513	201	11	2	40	10	24	...	801	71·20	213·60	11·68	17·09	41·92	37·73	24·07	...	72·71
1,286	257	...	16	5	...	2	...	1,566	39·60	50·52	...	35·39	63·29	...	46·51	...	41·03
321	919	3	...	...	1	2	...	1,246	28·53	51·24	22·22	...	...	66·66	153·84	...	42·43
699	1,746	3	53	25	1	2	...	2,529	36·73	53·72	54·54	39·67	37·25	...	142·85	...	47·17
1,251	178	...	10	9	...	...	...	1,448	42·19	80·90	...	17·27	47·87	...	...	...	44·33
807	128	51	...	25	1	1	...	1,013	27·23	46·04	23·62	...	42·88	12·65	13·88	...	28·69
877	74	250	...	279	1	1	1	1,483	39·18	78·80	28·93	...	60.65	111·11	71·42	111·11	40·52
797	31	52	...	54	...	...	...	934	31·27	61·50	27·08	...	40·72	...	...	...	31·94
1,021	610	24	...	...	...	...	...	1,655	39·44	52·59	37·91	...	...	...	...	...	43·40
342	1,017	12	...	2	...	...	1	1,374	35·58	59·84	42·85	...	51·28	...	...	250·00	51·01
1,022	121	7	...	...	...	...	1	1,151	34·64	42·96	17·15	...	...	...	...	...	35·10
691	166	191	...	20	3	2	...	1,073	31·66	37·79	29·83	...	29·94	50·00	9·30	...	31·95
955	19	13	...	36	1	...	2	1,026	36·03	41·30	23·80	...	47·24	12·19	...	...	36·06
272	9	20	...	10	1	...	1	313	23·69	31·57	25·09	...	28·32	19·23	...	...	24·01
237	9	11	...	3	...	4	...	264	25·28	12·69	10·97	...	4·40	...	6·11	...	20·81
587	18	68	...	12	2	1	...	688	30·28	24·29	20·46	...	22·30	12·42	2·06	...	27·91
945	213	34	2	144	13	12	2	1,365	43·56	57·48	22·97	36·36	52·32	26·80	17·06	...	44·21
984	278	19	16	243	14	20	...	1,574	47·93	117·15	25·50	55·74	217·35	36·36	23·72	...	59·89
334	797	1	18	7	...	1	...	1,158	45·93	57·53	12·04	32·54	58·33	...	15·38	...	52·61
1,378	381	6	5	29	4	1	2	1,806	46·81	63·68	30·61	34·01	60·41	40·40	10·63	40·81	49·50
829	199	68	...	33	1	6	...	1,136	41·71	45·08	23·98	...	53·48	6·09	26 20	...	40·29
2,241	968	17	17	106	42	30	...	3,421	38·88	68·71	32·50	34·48	56·08	58·41	32·01	...	44·84
80	46	1	3	15	8	3	...	156	38·83	65·99	18·86	13·45	116·27	99·99	36·14	...	46·77
1,483	82	39	6	16	3	4	...	1,633	34·61	41·02	28·80	58·25	33·33	62·50	28·77	...	34·77
538	50	...	1	11	...	1	...	601	36·52	68·11	...	62·50	31·42	...	9·90	...	37·59
922	131	11	...	90	...	...	1	1,155	36·41	55 46	18·51	...	45·04	...	...	...	37·85
753	155	7	2	72	5	3	...	997	30·63	47·67	12·65	57·14	28·67	58·13	18·75	...	31·97
2,444	140	39	14	67	8	7	1	2,720	39·35	52·31	39·30	25·97	32·21	33·33	13·56	...	39·14
56	141	...	...	4	1	20	1	223	2·95	15·46	...	...	6·80	8·84	6·63	10·86	6·91
25,725	9,216	1,328	167	1,454	135	233	13	38,271	36·42	54·63	27·19	31·11	48·10	34·51	15·20	44·52	39·13

TABLE showing the number of Deaths registered from CHOLERA by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of mortality per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous five years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.
	Middle and Lower Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·35
	Fort, South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·28
	Fort, North	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·03	·23
	Esplanade	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·09	1·22
B	Mandvi	...	...	...	1	...	...	...	...	...	...	...	4	...	...	5	...	...	·13	·32
	Chukla	...	...	...	...	1	...	...	...	...	...	...	1	...	...	2	...	...	·06	·11
	Umarkhadi	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2	...	...	·03	·43
	Dongri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·91
C	Market	...	...	...	...	...	...	...	...	...	...	...	4	...	...	4	...	...	·11	·22
	Dhobi Talao	...	...	1	1	1	...	1	3	...	...	...	9	...	...	16	...	...	·43	·33
	Fanaswadi	...	...	...	3	...	...	...	...	...	...	...	1	...	...	4	...	...	·13	·37
	Bhuleshwar	...	...	1	...	...	1	...	1	...	...	...	12	...	...	15	...	...	·39	·20
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·03	·12
	Kumbharwada	...	...	...	...	...	...	...	...	...	...	...	4	...	...	4	...	...	·12	·23
D	Khetwadi	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...	...	·05	·20
	Girgaum	...	...	...	...	1	1	...	...	...	...	...	12	...	...	14	...	...	·49	·39
	Choupati	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·07	·32
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	...	...	·15	·17
	Mahalakshmi	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·04	·62
E	Mazagaon	...	...	...	...	...	...	...	...	...	1	...	1	...	...	2	...	...	·06	·54
	Tarwadi	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·07	·78
	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·15
	Kamathipura	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·02	·29
	Tardeo	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...	...	·07	·41
	Byculla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·56
	1st Nagpada	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·29	·13
F	Parel	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·02	1·21
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·91
	Sion	...	...	...	2	...	...	1	...	...	...	...	4	...	...	7	...	...	·22	·61
G	Mahim	...	...	...	...	...	...	1	...	...	...	...	1	...	...	2	...	...	·06	·79
	Worli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·54
	Harbour and Docks, Railways and Homeless	...	1	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	·06	·14
	Total	2	2	3	10	6	2	3	5	3	1	...	58	60	35	95	·09	·09	·09	·45

TABLE showing the number of Deaths registered from "SMALL-POX" by Section and Month in 1908.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Males.	Total Females.	Total Total.	Rate of Mortality per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·25
	Middle and Lower Colaba	...	...	2	1	1	...	2	...	...	...	...	...	...	...	6	...	...	·39	·86
	Fort, South	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	·25	·56
	Fort, North	...	1	3	2	5	4	...	...	...	1	...	1	...	...	17	...	...	·59	·76
	Esplanade	...	2	4	...	6	3	...	...	...	...	...	...	...	...	15	...	...	1·36	·65
B	Mandvi	...	1	2	6	11	3	...	...	...	...	...	...	...	...	23	...	...	·60	1·31
	Chukla	...	1	3	5	2	1	...	...	...	...	...	...	...	...	12	...	...	·40	·83
	Umarkhadi	...	2	19	19	12	1	...	...	...	...	...	...	...	...	53	...	...	·98	·98
	Dongri	...	...	2	6	6	...	...	1	1	...	...	...	...	...	16	...	...	·48	1·01
C	Market	1	...	5	1	3	...	...	...	...	...	...	...	...	...	10	...	...	·28	·93
	Dhobi Talao	2	6	17	11	10	3	5	1	...	...	...	...	...	...	55	...	...	1·50	1·76
	Fanaswadi	1	1	7	8	7	1	1	1	...	...	...	1	...	...	28	...	...	·95	1·81
	Bhuleshwar	...	...	5	11	8	...	1	3	...	...	...	...	...	...	28	...	...	·73	·83
	Khara Talao	2	4	4	5	7	1	...	...	...	...	...	...	...	...	23	...	...	·85	·97
	Kumbharwada	1	1	8	9	9	3	...	1	...	...	...	3	...	...	36	...	...	1·09	1·85
D	Khetwadi	2	3	6	4	3	1	1	...	...	...	...	...	...	...	20	...	...	·59	·84
	Girgaum	...	5	10	6	1	1	...	1	...	...	...	...	...	...	24	...	...	·84	1·42
	Choupati	...	1	2	...	...	...	...	...	...	...	...	...	...	...	3	...	...	·23	1·29
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·52
	Mahalakshmi	1	...	1	8	5	4	1	4	1	1	...	...	...	...	26	...	...	1·05	·82
E	Mazagaon	1	1	6	3	10	2	2	...	...	...	...	...	...	...	25	...	...	·80	1·20
	Tarwadi	1	1	6	8	3	7	...	1	...	...	...	...	...	...	27	...	...	1·02	1·06
	2nd Nagpada	1	2	4	10	2	1	1	...	...	...	...	...	...	...	21	...	...	·95	1·05
	Kamathipura	5	11	34	18	9	3	2	1	...	...	...	...	...	...	83	...	...	2·27	1·20
	Tardeo	...	...	11	9	8	7	3	4	...	...	...	1	...	...	43	...	...	1·52	1·46
	Byculla	2	7	39	19	18	6	8	...	...	...	...	...	...	...	99	...	...	1·29	1·25
	1st Nagpada	...	1	2	4	4	...	...	...	...	...	...	...	...	...	11	...	...	3·29	·18
F	Parel	10	7	11	22	19	13	7	1	...		1	...	...	...	93	...	...	1·98	1·39
	Sewri	1	2	3	6	2	3	2	1	...	...	...	...	...	...	20	...	...	1·25	·66
	Sion	...	3	4	8	4	5	3	2	...	...	...	...	...	...	29	...	...	·95	·83
G	Mahim	...	1	4	2	3	5	...	...	...	...	...	1	...	...	16	...	...	·51	·58
	Worli	6	5	17	17	14	10	16	6	6	7	3	6	...	...	113	...	...	1·62	1·14
	Harbour and Docks, Railways and Homeless...	...	39	7	1	...	1	...	...	1	...	...	1	...	...	50	...	...	1·55	·19
	Total...	37	108	248	229	192	89	56	28	9	9	4	14	601	425	1,026	·93	1·16	1·04	1·06

TABLE showing the number of deaths registered from MEASLES by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·26	...
	Middle and Lower Colaba	...	...	1	1	1	1	1	...	...	...	...	...	...	...	5	...	...	·32	·50
	Fort, South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort, North	...	1	3	3	1	...	...	...	...	...	...	...	...	...	8	...	...	·27	·35
	Esplanade	1	1	2	...	1	...	...	...	...	...	...	...	...	...	5	...	...	·45	·28
B	Mandvi	2	3	9	5	3	...	...	...	...	...	...	...	...	...	22	..	...	·57	·96
	Chukla	1	1	5	11	3	2	...	...	...	...	...	...	...	...	23	...	...	·78	·37
	Umarkhadi	4	20	32	15	11	2	...	...	...	...	...	...	...	...	84	...	...	1·56	·69
	Dongri	...	...	8	9	13	...	...	...	...	...	...	...	...	...	30	...	...	·91	1·29
C	Market	3	1	1	3	1	...	...	...	...	...	...	...	...	...	9	...	...	·25	·41
	Dhobi Talao	2	3	2	3	4	...	...	...	...	...	...	...	...	...	14	...	...	·38	·40
	Fanaswadi	...	1	4	4	2	1	...	1	...	...	1	1	...	...	15	...	...	·51	·65
	Bhuleshwar	4	4	7	11	3	1	1	...	...	...	...	...	...	...	31	...	...	·81	·44
	Khara Talao	3	6	7	6	2	...	...	...	...	...	...	...	...	...	24	...	...	·89	·85
	Kumbharwada	3	6	11	5	7	1	1	1	...	...	...	...	...	...	35	...	...	1·06	·57
D	Khetwadi	...	1	1	...	2	...	...	...	...	...	...	...	...	...	4	...	...	·11	·40
	Girgaum	2	2	1	1	...	...	...	...	...	...	...	...	...	...	6	...	...	·21	·29
	Choupati	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	·15	·21
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·08
	Mahalakshmi	...	1	3	3	...	...	2	...	...	...	...	...	...	...	9	...	...	.36	·24
E	Mazagaon	...	1	3	5	1	...	2	...	...	...	...	...	...	...	12	...	...	·38	·75
	Tarwadi	1	4	4	5	3	4	...	...	...	...	...	...	...	...	21	...	...	·79	1·38
	2nd Nagpada	4	5	7	7	4	1	...	...	...	...	...	...	...	...	28	...	...	1·27	1·00
	Kamathipura	1	2	3	2	3	...	...	3	...	...	...	...	...	...	14	...	...	·38	·75
	Tardeo	...	...	1	4	8	3	1	...	...	...	...	...	...	...	17	...	...	·60	·88
	Byculla	4	4	15	22	16	7	2	2	...	...	...	...	...	...	72	...	...	·94	1·45
	1st Nagpada	...	...	1	1	...	...	1	...	...	...	...	...	...	...	3	...	...	·89	·13
F	Parel	1	3	15	13	7	2	2	...	...	...	...	1	...	...	44	...	...	·93	1·03
	Sewri	...	...	...	3	1	2	1	...	1	1	...	...	...	...	9	...	...	·56	·58
	Sion	1	...	2	4	3	1	1	...	...	...	...	...	...	...	12	...	...	·39	·54
G	Mahim	1	1	2	...	1	1	...	1	1	...	...	...	...	...	8	...	...	·25	·34
	Worli	9	20	24	18	4	...	2	1	2	4	1	1	...	...	86	...	...	1·23	1·16
	Harbour and Docks, Railways and Homeless	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	48	92	174	164	105	29	17	9	4	5	2	4	316	337	653	·51	·92	·66	·70

TABLE showing the number of Deaths registered from "PLAGUE" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·14
	Middle and Lower Colaba ...	1	5	13	15	15	6	1	3	10	2	2	1	...	...	74	...	...	4·85	16·74
	Fort, South ...	1	1	5	7	...	...	...	...	...	...	...	...	...	...	14	...	...	3·54	7·57
	Fort, North ...	1	9	30	36	20	10	1	2	2	...	2	...	...	...	113	...	...	3·92	12·93
	Esplanade ...	...	6	4	13	6	4	1	...	2	1	...	1	...	...	38	...	...	3·44	7·60
B	Mandvi ...	5	11	58	75	29	10	7	16	13	8	1	3	...	...	236	...	...	6·18	19·23
	Chukla ...	...	22	48	68	24	6	4	4	3	1	1	1	...	...	182	...	...	6·19	13·87
	Umarkhadi ...	8	33	106	77	38	5	17	11	9	6	...	1	...	...	311	...	...	5·80	12·17
	Dongri ...	2	10	52	41	29	3	4	4	5	2	...	2	...	...	154	...	...	4·71	19·17
C	Market ...	3	18	36	64	47	5	10	7	2	8	1	...	...	...	201	...	...	5·69	17·70
	Dhobi Talao ...	10	13	75	118	70	12	10	5	2	4	...	...	...	...	319	...	...	8·71	16·62
	Fanaswadi ...	4	27	77	76	35	15	2	2	2	...	1	...	...	...	241	...	...	8·24	20·78
	Bhuleshwar ...	7	14	87	142	61	22	20	6	6	6	3	1	...	...	375	...	...	9·83	21·41
	Khara Talao ...	5	9	47	69	32	10	3	2	5	7	3	3	...	...	195	...	...	7·23	14·75
	Kumbharwada ...	3	7	45	58	47	15	7	5	5	3	6	2	...	...	203	...	...	6·19	17·37
D	Khetwadi ...	...	4	19	62	30	4	1	3	1	2	...	2	...	...	128	...	...	3·81	13·05
	Girgaum ...	...	2	15	37	38	2	2	...	...	1	2	2	...	...	101	...	...	3·55	14·13
	Choupati ...	1	11	15	11	8	1	1	...	...	...	...	...	...	...	48	...	...	3·68	15·45
	Walkeshwar ...	...	7	18	19	10	1	2	1	1	...	...	1	...	...	60	...	...	4·72	8·23
	Mahalakshmi ...	...	15	29	33	5	3	...	3	1	1	...	...	...	...	90	...	...	3·65	14·24
E	Mazgaon ...	9	21	87	78	43	5	3	5	3	1	1	1	...	...	257	...	...	8·32	20·64
	Tarwadi ...	1	10	77	72	32	4	1	15	6	2	1	...	...	...	221	...	...	8·41	20·38
	2nd Nagpada ...	1	6	34	48	15	3	1	1	2	...	...	1	...	...	112	...	...	5·08	16·33
	Kamathipura ...	4	9	68	67	21	7	1	1	1	1	...	...	...	...	180	...	...	4·93	20·60
	Tardeo ...	2	14	44	47	14	2	5	5	1	...	...	...	...	...	134	...	...	4·75	14·71
	Byculla ...	4	27	175	159	81	12	2	...	3	1	...	1	...	...	465	...	...	6·09	17·52
	1st Nagpada ...	...	1	4	4	4	1	1	1	1	...	...	...	...	...	17	...	...	5·09	2·08
F	Parel ...	...	2	42	72	50	12	7	7	2	1	1	...	...	...	196	...	...	4·17	15·71
	Sewri ...	1	8	33	42	15	...	...	5	...	...	1	...	...	...	105	...	...	6·56	15·28
	Sion ...	1	7	21	22	19	3	12	26	12	...	...	...	...	...	123	...	...	4·03	11·57
G	Mahim ...	...	1	8	39	26	6	4	2	4	3	...	3	...	...	96	...	...	3·07	10·31
	Worli ...	6	20	82	145	89	15	5	1	3	1	2	...	...	...	369	...	...	5·31	18·31
	Harbour and Docks, Railways and Homeless ...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	3	...	...	·09	·30
	Total ...	80	351	1,455	1,817	953	204	135	143	107	62	28	26	3,647	1,714	5,361	5·94	4·69	5·48	15·34

TABLE showing the number of Deaths registered from "MALARIA" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate Mortality per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	1	1	...	...	1	...	...	...	3	...	...	·79	Information not available.
	Middle and Lower Colaba	1	...	...	1	...	...	...	...	2	...	1	1	...	...	6	...	...	·39	
	Fort, South...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	3	...	...	·76	
	Fort, North...	...	2	1	4	2	1	2	2	1	7	5	3	..	...	30	...	...	1·04	
	Esplanade ...	2	2	2	1	2	...	2	2	5	8	9	...	...	...	35	...	...	3·17	
B	Mandvi	...	...	...	1	...	...	1	2	1	16	2	1	...	...	24	...	...	·62	
	Chukla	...	...	...	1	...	1	1	...	2	4	...	...	...	...	9	...	...	·30	
	Umarkhadi	2	4	2	...	1	...	3	1	3	4	5	2	...	...	27	...	...	·50	
	Dongri	3	2	10	5	4	...	1	2	4	6	14	2	...	...	53	...	...	1·62	
C	Market	...	...	1	1	...	1	...	1	1	4	4	4	...	...	17	...	...	·48	
	Dhobi Talao	...	1	...	...	...	2	3	...	1	3	...	2	...	...	12	...	...	·32	
	Fanaswadi ...	1	1	...	1	...	...	...	...	...	5	1	1	...	...	10	...	...	·34	
	Bhuleshwar	...	...	3	...	...	1	...	...	...	...	3	...	...	...	7	...	...	·18	
	Khara Talao	...	...	...	...	...	...	...	...	...	2	...	1	...	...	3	...	...	·11	
	Kumbharwada	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·06	
D	Khetwadi ...	...	...	...	...	...	1	1	...	1	2	2	1	...	...	8	...	...	·23	
	Girgaum ...	3	1	...	...	1	...	1	2	1	2	1	1	...	...	13	...	...	·45	
	Choupati ...	1	1	1	...	...	...	...	...	...	2	...	1	...	...	6	...	...	·46	
	Walkeshwar	3	...	...	...	...	...	...	1	...	3	1	1	...	...	9	...	...	·70	
	Mahalukshmi	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	...	·08	
E	Mazagaon ...	...	...	...	...	2	...	...	...	...	1	...	2	...	...	5	...	...	·16	
	Tarwadi ...	...	...	...	2	...	...	...	2	2	6	4	4	...	...	20	...	...	·76	
	2nd Nagpada	...	...	...	...	...	1	...	...	...	1	...	...	...	...	2	...	...	·09	
	Kamathipura	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·02	
	Tardeo	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·03	
	Byculla	...	...	...	1	...	1	...	...	...	1	2	...	...	...	5	...	...	·06	
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·29	
F	Parel	...	...	...	1	...	...	...	...	...	...	...	1	...	...	2	...	...	·04	
	Sewri	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·06	
	Sion	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	·06	
G	Mahim	...	...	...	...	...	...	1	...	...	...	...	1	...	...	2	...	...	·06	
	Worli	...	...	1	...	...	...	1	...	...	1	1	...	...	...	4	...	...	·05	
	Harbour and Docks, Railways and Homeless ...	...	...	1	1	...	...	2	...	...	1	...	1	...	...	6	...	...	·18	
	Total...	17	16	22	20	15	9	20	17	24	81	60	30	206	125	331	·33	·34	·33	.....

TABLE showing the number of Deaths registered from "ENTERIC FEVER" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous five years.
A	Upper Colaba	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·26	·51
	Middle and Lower Colaba	...	1	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	·13	·21
	Fort, South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·28
	Fort, North	...	...	...	2	...	1	...	...	1	1	...	1	...	...	6	...	...	·20	·11
	Esplanade	2	...	...	1	...	1	...	1	1	3	2	2	...	...	13	...	...	1·18	·37
B	Mandvi	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	·02	·11
	Chukla	...	...	...	...	...	...	...	1	...	...	1	...	...	...	2	...	...	·06	·03
	Umarkhadi	...	...	...	...	...	...	1	1	...	1	1	...	...	...	4	...	...	·07	·07
	Dongri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·07
C	Market	1	...	...	1	...	1	...	...	...	1	...	...	...	...	4	...	...	·11	·09
	Dhobi Talao	2	...	1	2	2	2	...	2	...	...	2	...	...	...	13	...	...	·35	·15
	Fanaswadi	1	...	...	...	...	1	...	...	1	...	...	...	...	...	3	...	...	·10	·13
	Bhuleshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·05
	Khara Talao	...	...	1	1	...	...	2	...	...	...	...	...	...	...	4	...	...	·14	·04
	Kumbharwada	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	·03	·03
D	Khetwadi	1	...	1	2	...	1	1	...	2	3	...	...	...	...	11	...	...	·32	·10
	Girgaum	...	...	...	...	1	1	1	...	...	...	1	...	...	...	4	...	...	·14	·14
	Choupati	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	...	...	·15	·10
	Walkeshwar	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·07	·08
	Mahalakshmi	1	...	...	1	1	1	...	...	1	...	...	...	...	...	5	...	...	·20	·09
E	Mazagaon	...	...	1	...	...	...	...	2	2	1	...	...	...	...	6	...	...	·19	·13
	Tarwadi	2	...	1	...	1	...	...	1	2	...	...	1	...	...	8	...	...	·30	·41
	2nd Nagpada	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·04	·05
	Kamathipura	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·02	·03
	Tardeo	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2	...	...	·07	·08
	Byculla	...	1	2	...	1	...	...	...	1	...	...	...	...	...	5	...	...	·06	·06
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·13
F	Parel	...	...	1	...	1	1	...	...	...	...	...	...	...	...	3	...	...	·06	·07
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
	Sion	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·03	.....
G	Mahim	1	...	...	...	...	...	...	1	1	...	...	...	...	...	3	...	...	·09	·06
	Worli	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	...	·02	·03
	Harbour and Docks, Railways and Homeless	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	...	...	·06	·07
	Total	11	3	8	13	9	11	8	9	15	11	8	5	86	25	111	·14	·06	·11	·09

TABLE showing the number of Deaths registered from FEVERS (excluding "MALARIAL and ENTERIC" Fevers) by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Rate of Mortality per 1,000 of Population. Females.	Rate of Mortality per 1,000 of Population. Total.	Mean Ratio per 1,000 of Population during the previous five years.
A	Upper Colaba	1	...	...	...	...	...	...	...	...	...	...	2	...	...	3	...	...	·79	Information not available.
	Middle and Lower Colaba	4	2	1	2	6	1	1	7	6	6	3	2	...	...	41	...	...	2·67	
	Fort, South	1	...	2	...	1	...	...	...	...	...	1	1	...	...	6	...	...	1·52	
	Fort, North	9	13	14	14	16	9	3	16	8	17	15	3	...	...	137	...	...	4·76	
	Esplanade	11	7	12	8	9	8	8	8	6	15	14	7	...	...	113	...	...	10·25	
B	Mandvi	7	7	8	2	6	5	6	5	18	25	5	6	...	...	100	...	...	2·62	
	Chukla	4	1	...	1	4	3	3	8	1	16	3	4	...	...	48	...	...	1·63	
	Umarkhadi	18	22	24	23	19	16	19	10	7	12	15	21	...	...	209	...	...	3·89	
	Dongri	12	19	19	15	7	8	11	11	12	19	11	13	...	...	157	...	...	4·80	
C	Market	6	9	2	...	3	3	4	4	10	12	4	8	...	...	65	...	...	1·84	
	Dhobi Talao	8	5	7	4	7	8	7	9	9	12	5	9	...	...	90	...	...	2·45	
	Fanaswadi	5	6	2	4	3	4	3	4	8	8	4	6	...	...	57	...	...	1·94	
	Bhuleshwar	8	10	6	6	3	6	14	12	13	5	...	5	...	...	88	...	...	2·30	
	Khara Talao	14	14	10	8	6	11	14	5	13	9	8	2	...	...	114	...	...	4·23	
	Kumbharwada	12	8	5	6	2	3	4	2	8	10	5	7	...	...	72	...	...	2·19	
D	Khetwadi	6	1	7	17	3	7	3	6	3	3	6	9	...	...	71	...	...	2·11	
	Girgaum	3	6	3	4	5	4	2	5	7	6	5	5	...	...	55	...	...	1·93	
	Choupati	...	2	1	1	2	...	2	1	1	...	1	1	...	...	12	...	...	·92	
	Walkeshwar	...	1	4	1	2	...	1	...	2	...	...	...	...	...	11	...	...	·86	
	Mahalakshmi	5	5	6	5	6	6	4	5	7	3	6	3	...	...	61	...	...	2·47	
E	Mazagaon	13	25	9	5	5	10	13	10	12	24	7	10	...	...	143	...	...	4·63	
	Tarwadi	12	14	16	4	13	9	10	13	13	13	19	9	...	...	145	...	...	5·51	
	2nd Nagpada	9	5	7	5	5	4	3	11	9	6	8	9	...	...	81	...	...	3·67	
	Kamathipura	15	17	11	20	10	11	6	17	20	23	18	17	...	...	185	...	...	5·07	
	Tardeo	11	11	8	13	10	5	5	5	2	9	4	5	...	...	88	...	...	3·12	
	Byculla	31	36	35	14	14	21	23	17	22	12	21	20	...	...	266	...	...	3·48	
	1st Nagpada	1	...	...	1	2	...	1	...	...	...	1	1	...	...	7	...	...	2·09	
F	Parel...	17	7	4	9	7	13	15	8	14	16	8	9	...	..	127	...	...	2·70	
	Sewri	8	11	5	1	4	1	2	8	4	1	5	2	...	...	52	...	...	3·25	
	Sion	9	5	11	9	7	11	11	11	6	7	7	10	...	...	104	...	...	3·40	
G	Mahim	6	3	11	1	2	1	3	4	3	3	4	...	...	...	41	...	...	1·31	
	Worli	21	16	18	17	17	9	9	17	11	19	25	5	...	...	184	...	...	2·64	
	Harbour and Docks, Railways and Homeless ...	3	3	1	4	...	...	...	5	2	4	5	1	...	...	28	...	...	·86	
	Total ..	290	291	269	224	206	197	210	244	257	315	243	215	1,875	1,086	2,961	3·05	2·97	3·02	...

TABLE showing the number of Deaths registered from "DIARRHŒA and DYSENTERY" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Rate of Mortality per 1,000 of Population. Females.	Rate of Mortality per 1,000 of Population. Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba		1	2	2	...	1	...	1	1	3	1	1	...	...	13	...	...	3·44	1·28
	Middle and Lower Colaba	7	4	1	1	4	...	3	5	4	1	2	5	...	...	37	...	...	2·41	2·58
	Fort, South	1	...	1	1	...	...	...	...	1	...	...	1	...	...	5	...	...	1·26	1·12
	Fort, North	7	9	3	2	10	6	6	8	6	9	4	11	...	...	81	...	...	2·81	3·04
	Esplanade	4	1	6	4	7	2	3	8	3	13	7	7	...	...	65	...	...	5·90	4·50
B	Mandvi	4	3	4	6	5	1	4	7	3	3	10	15	...	...	65	...	...	1·70	2·25
	Chukla	4	7	6	12	4	4	6	2	5	6	6	5	...	...	67	...	...	2·28	2·50
	Umarkhadi	20	25	14	14	12	12	19	9	15	10	13	19	...	...	182	...	...	3·39	4·03
	Dongri	14	16	24	14	9	6	9	15	9	11	4	6	...	...	137	...	...	4·19	6·27
C	Market	2	3	6	5	2	4	5	6	8	6	6	6	...	...	59	...	...	1·67	2·50
	Dhobi Talao	11	7	5	6	7	9	6	5	5	7	6	9	...	...	83	...	...	2·26	3·18
	Fanaswadi	3	1	3	3	5	3	3	4	4	5	2	5	...	...	41	...	...	1·40	2·60
	Bhuleshwar	12	9	8	8	9	3	7	10	2	6	8	6	...	...	88	...	...	2·30	3·05
	Khara Talao	11	15	12	13	14	8	14	3	6	11	12	9	...	...	128	...	...	4·75	4·78
	Kumbharwada	11	13	7	6	10	6	10	4	7	7	1	7	...	...	89	...	...	2·71	3·94
D	Khetwadi	13	11	16	6	2	7	9	13	5	10	4	11	...	...	107	...	...	3·18	3·16
	Girgaum	7	3	9	4	6	9	9	7	5	5	6	7	...	...	77	...	...	2·70	2·95
	Choupati	...	2	...	4	2	3	2	2	4	2	2	...	...	...	23	...	...	1·76	2·37
	Walkeshwar	1	2	...	1	1	...	1	...	1	1	...	3	...	...	11	...	...	·86	1·84
	Mahalakshmi	3	10	6	3	4	1	5	6	2	7	1	8	...	...	56	...	...	2·27	3·33
E	Mazagaon	5	5	5	9	5	7	9	21	12	9	10	10	...	...	107	...	...	3·46	5·42
	Tarwadi	10	15	14	12	21	14	14	20	22	20	17	12	...	...	191	...	...	7·26	9·35
	2nd Nagpada	5	8	4	6	8	5	7	7	5	10	1	9	...	...	75	...	...	3·40	4·10
	Kamathipura	10	14	16	16	14	4	16	15	20	10	10	11	...	...	156	...	...	4·27	6·23
	Tardeo	9	7	4	6	12	2	6	2	11	2	5	7	...	...	73	...	...	2·58	5·70
	Byculla	29	34	32	32	24	21	17	24	16	17	24	24	...	...	294	...	...	3·85	4·53
	1st Nagpada	1	1	1	...	...	3	2	2	1	1	1	2	...	...	15	...	...	4·49	1·04
F	Parel	16	20	14	15	6	8	15	19	18	10	3	5	...	...	149	...	...	3·17	4·22
	Sewri	10	9	11	6	8	6	7	10	5	8	4	9	...	...	93	...	...	5·81	4·51
	Sion	22	10	12	13	13	11	14	23	13	11	7	5	...	...	154	...	...	5·04	4·58
G	Mahim	17	7	17	11	15	6	12	25	13	12	5	19	...	...	159	...	...	5·09	4·91
	Worli	25	20	48	25	28	22	21	23	12	26	14	23	...	...	287	...	...	4·13	6·03
	Harbour and Docks, Railways and Homeless... ...	...	9	2	2	1	...	1	1	...	1	...	...	...	...	17	...	...	·52	·36
	Total ...	294	301	313	268	268	194	262	307	244	260	196	277	1,799	1,385	3,184	2·93	3·79	3·25	4·01

TABLE showing the number of Deaths registered from "TUBERCLE OF LUNGS including other TUBERCULAR DISEASES" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of mortality per 1,000 of Population. Males.	Rate of mortality per 1,000 of Population. Females.	Rate of mortality per 1,000 of Population. Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	1	1	...	...	...	...	...	...	...	2	...	...	...	...	4	...	...	1·05	Information not available.
	Middle and Lower Colaba	1	1	1	...	...	...	1	...	...	...	...	...	...	...	4	...	...	·26	
	Fort, South	...	1	1	1	...	...	...	...	...	...	...	...	...	...	3	...	...	·76	
	Fort, North	1	3	1	1	3	...	3	2	3	3	1	2	...	...	23	...	...	·79	
	Esplanade	5	3	2	3	1	4	...	...	3	3	...	...	...	...	24	...	...	2·17	
B	Mandvi	...	2	2	1	1	...	...	2	...	1	1	...	...	...	10	...	...	·26	
	Chukla	3	2	2	1	3	...	2	2	...	1	...	1	...	...	17	...	...	·57	
	Umarkhadi	13	20	15	14	15	18	11	16	14	17	12	12	...	...	177	...	...	3·30	
	Dongri	10	10	7	3	2	1	5	6	...	5	4	...	...	...	53	...	...	1·62	
C	Market	1	...	1	2	...	1	...	1	...	2	3	1	...	...	12	...	...	·33	
	Dhobi Talao	4	...	2	3	1	1	3	3	...	4	3	1	...	...	25	...	...	·68	
	Fanaswadi	...	...	1	1	...	1	...	1	...	...	...	2	...	...	6	...	...	·20	
	Bhuleshwar	2	1	1	2	2	2	1	...	3	1	...	1	...	...	16	...	...	·41	
	Khara Talao	1	...	1	3	4	3	2	...	2	...	...	1	...	...	17	...	...	·63	
	Kumbharwada	2	2	1	1	...	2	...	...	...	...	1	...	...	...	9	...	...	·27	
D	Khetwadi	1	3	2	3	3	3	3	3	...	1	1	1	...	...	24	...	...	·71	
	Girgaum	4	2	...	2	...	1	2	7	1	2	1	2	...	...	24	...	...	·84	
	Choupati	...	...	...	1	...	...	2	...	...	...	...	1	...	...	4	...	...	·30	
	Walkeshwar	2	1	...	1	...	...	...	1	...	...	...	...	...	...	5	...	...	·39	
	Mahalakshmi	1	...	...	...	...	...	...	2	...	...	...	...	...	...	3	...	...	·12	
E	Mazagaon	...	3	1	...	...	...	2	1	1	...	...	2	...	...	10	...	...	·32	
	Tarwadi	1	3	2	6	2	8	6	4	3	5	3	2	...	...	45	...	...	1·71	
	2nd Nagpada	1	1	1	...	...	2	4	2	2	...	2	...	...	...	15	...	...	·68	
	Kamathipura	1	4	1	3	2	...	4	2	2	1	2	2	...	...	24	...	...	·65	
	Tardeo	1	3	3	1	2	...	1	3	...	1	1	...	...	...	16	...	...	·56	
	Byculla	1	...	1	1	2	1	4	...	3	2	1	2	...	...	18	...	...	·23	
	Ist Nagpada	...	...	...	1	...	...	3	...	...	...	...	...	...	...	4	...	...	1·19	
F	Parel	2	1	...	...	...	...	2	...	2	...	...	...	...	...	7	...	...	·14	
	Sewri	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·06	
	Sion	...	...	1	2	2	...	1	...	...	...	...	...	...	...	6	...	...	·19	
G	Mahim	...	1	...	1	...	...	...	2	...	1	2	...	...	...	7	...	...	·22	
	Worli	2	2	...	1	1	...	1	2	1	...	3	...	...	...	13	...	...	·18	
	Harbour and Docks, Railways and Homeless	...	4	1	1	1	...	...	1	1	...	...	1	...	...	10	...	...	·31	
	Total	61	75	51	60	47	48	63	63	41	52	41	34	315	321	636	·51	·87	·65	...

TABLE showing the number of Deaths registered from " RESPIRATORY DISEASES " including Phthisis by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Females	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	7	2	...	...	1	4	3	...	...	...	1	...	...	...	18	...	...	4·76	3·34
	Middle and Lower Colaba	21	17	14	15	14	5	10	9	9	8	13	11	...	...	146	...	...	9·53	11·12
	Fort, South	3	...	2	2	2	1	1	1	...	1	2	...	...	...	15	...	...	3·50	2·80
	Fort, North	34	34	26	31	35	29	17	17	30	25	24	32	...	...	334	...	...	11·60	11·58
	Esplanade...	24	24	27	18	16	10	10	10	15	23	16	29	...	...	222	...	...	20.15	11·17
B	Mandvi...	44	50	49	43	52	58	29	42	43	57	43	46	...	...	556	...	...	14·57	17·97
	Chukla	35	42	63	50	34	35	39	27	28	41	31	23	...	...	448	...	...	15·25	19·26
	Umarkhadi	70	60	87	60	56	62	57	55	67	72	63	77	...	...	786	...	...	14·66	17·53
	Dongri	39	59	41	47	41	39	28	29	19	24	27	39	...	...	432	...	...	13·22	14·86
C	Market	24	28	19	23	34	10	18	15	13	28	19	22	...	...	253	...	...	7·16	10·23
	Dhobi Talao	45	42	40	30	23	35	28	31	28	32	22	47	...	...	403	...	...	11·01	10·96
	Fanaswadi	32	20	20	25	18	22	26	6	26	21	25	34	...	...	275	...	...	9·40	11·53
	Bhuleshwar	57	52	55	43	41	29	36	36	27	55	47	50	...	...	528	...	...	13·84	15·21
	Khara Talao	45	35	47	42	39	25	30	22	21	23	35	34	...	...	398	...	...	14·77	22·00
	Kumbharwada	35	41	45	36	38	30	26	17	25	19	29	24	...	...	365	...	...	11·13	18·58
D	Khetwadi	35	41	32	30	23	40	18	14	20	25	17	30	...	...	325	...	...	9·67	12·61
	Girgaum	30	35	32	20	33	29	27	20	21	22	18	34	...	...	321	...	...	11.28	12·80
	Choupati	11	14	8	12	2	7	5	5	9	8	6	5	...	...	92	...	...	7·05	10·37
	Walkeshwar	6	6	9	5	10	5	6	6	5	6	5	3	...	...	72	...	...	5·67	5·95
	Mahalakshmi	26	18	22	29	21	18	12	14	9	13	12	17	...	...	211	...	...	8·55	8·39
E	Mazagaon	33	36	30	25	24	28	39	25	27	25	27	28	...	...	347	...	...	11·23	12·29
	Tarwadi	33	39	33	28	25	23	22	25	31	28	25	35	...	...	347	..	...	13·20	15·19
	2nd Nagpada	40	26	41	31	49	43	23	20	19	31	32	31	...	...	386	...	...	17·53	19·18
	Kamathipura	56	41	46	54	47	48	39	34	31	25	33	34	...	...	488	...	...	13·37	17·93
	Tardeo	38	31	33	42	52	38	27	34	33	25	26	35	...	...	414	...	...	14·68	14·79
	Byculla	101	122	113	80	82	82	61	69	85	74	74	82	...	...	1,025	...	...	13·43	17·68
	1st Nagpada	5	7	4	3	5	1	4	5	1	2	5	3	...	...	45	...	...	13·49	2·73
F	Parel	37	47	43	45	42	50	37	41	46	37	37	24	...	...	486	...	...	10·34	14·45
	Sewri ... ... —	13	14	8	11	13	6	8	12	16	13	7	12	...	...	133	...	...	8·32	11·11
	Sion	18	21	34	25	22	21	21	28	19	20	20	20	...	...	269	...	...	8·81	9·31
G	Mahim	33	25	38	37	24	20	24	17	27	20	21	32	...	...	318	...	...	10·19	11·72
	Worli	78	89	105	79	90	61	58	68	46	56	57	65	...	...	852	...	...	12·26	15·44
	Harbour and Docks, Railways and Homeless ...	5	6	2	4	1	5	...	1	...	3	1	3	...	...	31	...	...	·96	·56
	Total ...	1,113	1,124	1,168	1,025	1,009	919	789	755	796	862	820	961	6,012	5,329	11,341	9·80	14·60	11·59	13·79

TABLE showing the number of Deaths registered from "INJURIES" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	1	...	...	...	1	...	...	...	...	...	...	1	...	...	3	...	...	·79	·51
	Middle and Lower Colaba	...	2	2	1	3	1	3	2	1	1	2	4	...	...	22	...	...	1·43	·93
	Fort, South	1	...	...	...	...	...	...	...	1	...	1	...	...	...	3	...	...	·76	·56
	Fort, North	1	4	1	1	4	1	2	3	2	2	3	1	...	...	25	...	...	·86	·90
	Esplanade	3	16	10	4	7	1	4	2	3	8	6	3	...	...	67	...	...	6·08	3·47
B	Mandvi	1	1	...	3	...	2	4	1	1	2	7	2	...	...	24	...	...	·62	·70
	Chukla	1	1	3	4	2	...	1	...	3	2	1	2	...	...	20	...	...	·68	·53
	Umarkhadi	2	4	5	1	1	3	4	...	3	1	5	5	...	...	34	...	...	·63	·59
	Dongri	5	3	1	3	1	1	...	1	4	...	3	4	...	...	26	...	...	·79	·87
C	Market	1	3	2	2	2	...	1	3	1	...	5	6	...	...	26	...	...	·73	·76
	Dhobi Talao	...	2	1	6	3	2	...	3	4	2	4	2	...	...	29	...	...	·79	·83
	Fanaswadi	...	1	...	...	2	...	2	1	...	1	2	1	...	...	10	...	...	·34	·65
	Bhuleshwar	3	4	5	...	3	...	2	1	1	6	3	1	...	...	29	...	...	·76	·86
	Khara Talao	...	4	2	12	3	1	6	...	3	2	4	1	...	...	38	...	...	1·41	1·17
	Kumbharwada	2	1	2	1	1	1	1	...	...	1	2	2	...	...	14	...	...	·42	·57
D	Khetwadi	1	2	1	3	2	...	1	3	1	2	1	...	...	...	17	...	...	·50	·53
	Girgaum	4	...	2	2	...	1	2	1	1	2	...	...	...	...	15	...	...	·52	·59
	Choupati	1	1	...	1	...	...	1	...	2	1	1	...	...	...	8	...	...	·61	·64
	Walkeshwar	1	...	...	2	...	...	1	...	...	...	...	...	...	...	4	...	...	·31	·61
	Mahalakshmi	2	1	1	2	1	...	1	3	...	...	1	1	...	...	13	...	...	·52	·43
E	Mazagaon	4	...	2	...	1	2	1	1	3	3	3	1	...	...	21	...	...	·68	·75
	Tarwadi	6	7	8	3	6	5	4	3	4	17	22	10	...	...	95	...	...	3·61	2·50
	2nd Nagpada	2	3	1	...	3	3	...	1	1	1	2	...	...	...	17	...	...	·77	·70
	Kamathipura	1	2	...	1	3	3	1	3	...	3	4	4	...	...	25	...	...	·68	·78
	Tardeo	1	...	3	...	1	1	...	1	1	1	4	1	...	...	14	...	...	·49	·54
	Byculla	4	7	2	4	5	6	1	2	1	1	4	4	...	...	41	...	...	·53	·55
	1st Nagpada	...	...	1	...	...	...	...	...	...	2	...	...	...	...	3	...	...	·89	·13
F	Parel	6	2	2	1	4	3	14	2	3	3	2	...	...	...	42	...	...	·89	·61
	Sewri	1	2	1	2	...	1	...	...	...	...	2	2	...	...	11	...	...	·68	·58
	Sion	1	1	1	1	...	1	2	1	3	1	2	2	...	...	16	...	...	·52	·65
G	Mahim	2	1	1	2	3	1	...	...	2	2	2	2	...	...	18	...	...	·57	·65
	Worli	5	1	9	3	3	1	5	2	4	2	5	1	...	...	41	...	...	·59	·65
	Harbour and Docks, Railways and Homeless ...	1	11	5	8	3	3	...	...	1	...	2	3	...	...	37	...	...	1·14	·78
	Total ...	64	87	74	73	68	44	64	40	54	69	105	66	614	194	808	1·00	·53	·82	·76

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TABLE showing the number of Deaths registered from "OTHER CAUSES" by Section and Month in 1908.

1	2	3												4			5			6
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Rate of Mortality per 1,000 of Population. Males.	Rate of Mortality per 1,000 of Population. Females	Rate of Mortality per 1,000 of Population. Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	4	4	3	4	4	3	3	...	2	6	2	6	...	...	41	...	...	10·86	Information not available.
	Middle and Lower Colaba	9	8	13	11	9	6	9	9	14	11	10	11	...	...	120	...	...	7·83	
	Fort, South	2	1	1	1	1	...	1	2	4	2	2	1	...	...	18	...	...	4·56	
	Fort, North	24	19	41	32	21	35	30	24	26	38	37	42	...	...	369	...	...	12·82	
	Esplanade	9	19	18	28	16	11	7	17	16	24	12	26	...	...	203	...	...	18·42	
B	Mandvi	40	22	36	29	32	36	40	47	50	66	52	50	...	...	500	...	...	13·10	
	Chukla	36	33	42	38	33	30	28	37	36	38	35	30	...	...	416	...	...	14·16	
	Umarkhadi	58	75	65	56	50	37	49	63	39	59	44	65	...	...	660	...	...	12·31	
	Dongri	40	44	34	32	18	31	31	36	37	26	34	27	...	...	390	...	...	11·94	
C	Market	24	36	19	27	25	27	26	38	23	38	30	40	...	...	353	...	...	9·99	
	Dhobi Talao	35	33	48	24	33	39	39	24	39	43	33	34	...	...	424	...	...	11·58	
	Fanaswadi	22	15	17	17	17	22	22	18	26	17	27	24	...	...	244	...	...	8·34	
	Bhuleshwar	45	48	39	31	34	36	31	43	37	35	36	35	...	...	450	...	...	11·80	
	Khara Talao	37	38	45	36	38	33	36	34	31	42	24	35	...	...	429	...	...	15·92	
	Kumbharwada	31	26	22	30	17	25	21	33	23	28	31	34	...	...	321	...	...	9·79	
D	Khetwadi	48	29	31	31	24	28	19	33	30	25	35	23	...	...	356	...	...	10·60	
	Girgaum	39	35	30	24	29	25	29	35	33	36	31	26	...	...	372	...	...	13·07	
	Choupati	14	13	14	4	6	8	8	12	5	9	11	8	...	...	112	...	...	8·59	
	Walkeshwar	8	13	7	7	10	4	4	8	5	10	6	7	...	...	89	...	...	7·01	
	Mahalakshmi	16	19	21	17	12	14	17	26	11	11	23	24	...	...	211	...	...	8·55	
E	Mazagaon	43	41	38	40	35	28	35	31	29	37	34	39	...	...	430	...	...	13·92	
	Tarwadi	44	40	43	48	29	36	28	36	42	30	35	41	...	...	452	...	...	17·20	
	2nd Nagpada	42	38	42	38	34	31	42	25	29	34	39	26	...	...	420	...	...	19·07	
	Kamathipura	55	73	60	57	54	36	53	46	59	43	48	64	...	...	648	...	...	17·76	
	Tardeo	22	24	44	31	32	27	36	19	21	29	24	23	...	...	332	...	...	11·77	
	Byculla	75	101	131	113	85	87	95	77	99	91	77	100	...	...	1131	...	...	14·82	
	1st Nagpada	4	5	3	7	2	5	5	2	3	6	1	6	...	...	49	...	...	14·69	
F	Parel	40	43	43	41	35	39	33	38	53	37	36	45	...	...	483	...	...	10·28	
	Sewri	11	21	19	13	13	11	11	9	15	16	19	18	...	...	176	...	...	11·01	
	Sion	44	34	39	45	34	34	36	35	40	43	21	27	...	...	432	...	...	14·15	
G	Mahim	29	28	22	19	19	26	22	29	23	37	35	38	...	...	327	...	...	10·48	
	Worli	76	59	61	72	71	60	68	66	56	54	62	64	...	...	769	...	...	11.06	
	Harbour and Docks, Railways and Homeless	1	15	2	1	1	4	1	2	4	...	4	2	...	...	37	...	...	1·14	
	Total ...	1,027	1,052	1,093	1,004	873	874	915	954	960	1,021	950	1,041	6,114	5,650	11,764	9·97	15·48	12·03	...

TABLE comparing the Deaths from some of the "PRINCIPAL CAUSES" during the year 1908 with those in the preceding 5 years.

YEAR.	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric Fever.		Other Fevers.		Diarrhœa and Dysentery.		Tubercle including Tubercle of Lungs.		Respiratory System. Phthisis.		Respiratory System. Other Diseases of the Respiratory System.		Injuries.		All other Causes.		Total deaths.	
	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.
1903 ...	17	·02	1,477	1·90	1,115	1·43	20,788	26·78	...	...	45	·05	...	...	2,760	3·55	633	·81	2,842	3·66	7,101	9·15	547	·70	13,188	16·99	50,513	65·09
1904 ...	219	·28	568	·73	229	·29	13,538	17·44	270	·34	55	·07	2,091	2·69	2,784	3·58	577	·74	2,971	3·82	7,339	9·45	558	·72	11,477	14·78	42,676	54·99
1905 ...	26	·03	2,161	2·78	620	·79	14,198	18·29	267	·34	60	·07	2,551	3·28	3,391	4·36	625	·80	2,558	3·29	9,103	11·73	646	·83	11,556	14·89	47,762	61·54
1906 ...	1241	1·26	276	·28	936	·95	10,823	11·06	190	·19	134	·13	4.558	4·66	4,778	5·09	485	·49	3,567	3·64	11,731	11·99	714	·73	13,241	13·54	52,874	54·07
1907 ...	439	·44	86	·08	107	·10	6,389	6·53	149	·15	116	·11	3,368	3·44	3,489	3·56	563	·57	2,877	2·94	9,022	9·22	813	·83	11,269	11·52	38,687	39·56
Mean of the last 5 years. .	388	·45	914	1·06	601	·70	13,147	15·34	219	...	82	·09	3,142	...	3,440	4·01	577	·67	2,963	3·45	8,859	10·34	656	·76	12,046	14·06	46,502	54·27
1908 ...	95	·09	1,026	1·04	653	·66	5,361	5·48	331	·33	111	·11	2,961	3·02	3,184	3·25	636	·65	2,387	2·44	8,954	9·15	808	·82	11,764	12·03	38,271	39·13

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SPECIFIC CAUSES of DEATHS in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London.

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
GENERAL DISEASES.													
Small-pox	37	108	248	229	192	89	56	28	9	11	5	14	1,026
Measles	48	92	174	164	105	29	17	9	4	5	2	4	653
Plague	80	351	1,455	1,817	953	204	135	143	107	62	28	26	5,361
Fever, Enteric	11	3	8	13	9	11	8	9	15	11	8	5	111
„ Malarial	17	16	22	20	15	9	20	17	14	81	60	30	331
„ Ague and Remittent	253	254	236	190	183	186	196	229	248	295	233	203	2,706
„ Relapsing	37	37	33	34	23	11	14	15	9	20	10	12	255
Whooping Cough	...	2	4	2	2	...	1	...	1	1	1	1	15
Diphtheria	...	1	...	...	...	...	...	...	1	1	...	...	3
Cholera	2	2	3	10	6	2	3	5	3	1	...	58	95
Diarrhœa	197	192	195	187	191	123	182	165	138	150	113	174	2,007
Dysentery	97	109	118	81	77	71	80	142	106	110	83	103	1,177
Puerperal Septicæmia	30	29	41	36	27	23	24	29	26	31	36	28	360
Leprosy	14	10	4	10	5	3	7	8	6	11	6	5	89
Cancer	4	3	4	6	3	1	7	4	7	4	5	3	51
Premature Birth	14	16	16	17	5	5	19	15	16	17	13	26	179
Debility	241	250	253	213	198	241	256	251	304	329	157	261	3,054
Old Age	198	217	204	166	129	107	113	134	166	202	159	196	1,991
Tubercle of Lungs, including other Tubercular affections	61	75	51	60	47	48	63	63	41	52	41	34	636
Rickets	77	75	101	84	98	76	69	82	57	49	65	56	889
Anæmia	26	33	26	27	28	23	29	45	34	28	24	38	361
Syphilis	14	6	2	6	2	3	6	3	5	7	3	6	63
Tetanus	13	7	12	8	13	9	8	6	7	8	5	6	102
Worms	2	4	2	4	4	3	2	2	1	1	...	3	28
Alcoholism	...	...	1	...	...	2	1	1	...	...	...	...	5
Diabetes	5	4	3	7	2	5	4	2	6	4	6	2	50
Rheumatism	13	12	13	6	9	7	9	10	7	4	8	10	108
Scrofula	11	9	6	8	14	5	5	7	8	6	5	5	89
Erysipelas	4	1	3	2	3	2	1	1	2	5	1	2	27
Septicæmia	2	6	7	9	6	3	4	3	1	5	2	6	54
Scurvy	...	...	1	...	...	...	1	1	...	...	...	...	3
Septic Fever	...	...	...	...	1	1	...	1	...	...	1	...	4
Secondary Syphilis	4	...	2	3	1	4	1	2	2	...	2	4	25
Beri-Beri	...	...	...	...	...	...	...	1	...	...	...	...	1
Hydrophobia	...	...	2	1	...	...	...	...	...	1	3	...	7
Pyæmia	...	...	1	1	1	2	1	4	1	1	...	...	12
Sarcoma	1	2	...	4	2	2	1	1	...	1	...	1	15
Tertiary Syphilis	3	4	1	3	...	...	2	1	2	1	1	3	21
Tumour	...	...	...	...	2	...	...	2	1	...	4	1	10
Chicken-pox	...	2	3	2	...	1	...	...	...	1	1	1	11
Tabes Mesentrica	...	1	...	...	...	...	...	...	...	...	...	...	1
Kala Azar	...	1	...	...	...	...	...	...	...	...	...	...	1
Cerebro Spinial Fever	...	...	2	...	...	...	...	...	...	...	...	...	2
Chlorosis	...	...	...	...	...	...	1	...	...	...	...	...	1
Malignant Disease	...	...	...	...	...	...	...	1	...	...	...	...	1
Mumps	...	...	...	...	...	...	...	...	...	1	...	...	1
Delirium Tremens	...	...	...	...	...	...	...	...	...	1	...	...	1
Leucocythaemia	...	...	...	...	...	...	...	...	...	...	...	1	1
DISEASES OF THE NERVOUS SYSTEM.													
Apoplexy	2	1	2	4	3	3	2	1	3	1	3	3	28
„ Cerebral	1	1	1	1	2	...	...	...	...	...	...	1	7
Cerebral Abscess	...	...	...	1	...	...	1	...	...	...	...	1	3
Cerebral Softening of the brain	...	...	...	2	...	...	...	...	1	...	1	...	4
„ Gumma	...	...	...	...	...	2	...	...	...	...	...	...	2
„ Thrombosis	...	...	...	...	...	1	2	...	...	2	1	...	6
Chorea	...	...	...	...	...	...	...	...	...	1	...	...	1
Congestion of the Brain	2	2	1	...	...	...	...	...	1	...	1	...	7
Convulsions	121	128	140	174	129	155	150	139	109	109	117	127	1,598
Eclampsia	...	2	...	1	...	...	...	...	...	...	...	...	3
„ Puerperal	3	...	...	1	...	2	1	1	...	3	2	2	15
Epilepsy	6	2	4	1	3	3	1	3	1	1	2	4	31
Hæmorrhage	...	...	...	...	1	2	...	...	...	...	...	...	3
„ Cerebral	4	7	4	9	11	6	2	3	2	2	3	3	56
Hemiplegia	13	7	8	12	17	8	12	10	8	8	13	13	129
„ Puerperal	...	...	...	...	...	...	...	...	1	...	...	...	1
Hysteria	...	...	4	...	...	...	...	...	...	...	...	...	4
Insanity	3	1	...	...	1	1	2	1	1	...	...	...	10

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
DISEASES OF THE NERVOUS SYSTEM —*contd.*													
Mania	1	...	...	...	...	...	...	...	...	...	1	1	3
„ Toxic	...	...	1	...	...	...	...	...	...	...	...	...	1
Melancholia	1	...	...	...	...	...	...	...	...	...	...	...	1
Meningitis	4	1	6	5	3	2	6	4	5	1	...	4	41
„ Cerebral	...	...	2	...	...	...	...	...	...	...	...	...	2
„ Cerebro Spinal	...	...	...	1	...	...	...	...	...	...	1	2	4
„ Puerperal	...	...	...	...	...	1	...	...	...	...	...	...	1
Myelitis	...	1	1	...	...	...	...	...	...	...	...	1	3
Paralysis	4	8	8	6	4	12	9	7	8	8	8	9	91
Paraplegia	3	4	2	1	...	3	1	1	5	2	4	1	27
Tabes Dorsalis	...	...	...	...	...	...	...	...	...	...	...	1	1
DISEASES OF THE EYE, EAR AND NOSE.													
Exophthalmic Left Eye	1	...	...	...	...	...	...	...	...	...	...	...	1
Perituricular abscess	...	1	...	...	...	...	...	...	...	...	...	...	1
Mastoid abscess	...	1	1	...	...	...	...	...	...	...	...	...	2
Otorrhœa	...	1	...	...	...	...	...	...	...	...	...	...	1
Nasal Myosis	...	...	...	...	...	...	...	...	1	...	...	...	1
DISEASES OF THE CIRCULATORY SYSTEM.													
Cardiac Disease	1	...	2	...	...	...	...	...	...	...	...	...	3
Valvular Disease of Heart	3	3	2	8	5	2	1	6	6	5	3	1	45
Heart Disease	12	15	18	2	5	6	17	8	10	14	13	21	141
Syncope	1	2	...	1	...	...	1	...	2	2	1	1	11
Mitral Cardis	1	...	...	...	...	...	...	...	...	...	...	...	1
Angina Pectoris	1	...	2	2	1	5	...	2	1	2	2	1	19
Morbus Cordis	3	1	1	...	2	...	1	...	1	...	1	...	10
Failure of Heart	3	8	7	3	4	7	2	7	3	3	3	4	54
Aortic Regurgitation	1	...	...	...	...	...	...	...	...	...	...	...	1
Aneurism	1	...	1	...	...	...	...	...	2	...	...	...	4
Mitral Stenosis	...	1	...	...	...	...	...	...	...	...	...	...	1
Pericarditis	...	1	...	...	...	...	...	...	...	1	...	...	2
Ulcerative Carditis	...	1	...	...	...	...	...	...	...	...	...	...	1
Embolism	...	1	...	...	...	...	...	1	...	...	...	...	2
Weak heart	...	1	...	...	...	...	...	...	...	...	...	...	1
Fatty degeneration of Heart	...	1	...	2	1	1	...	...	...	...	...	...	5
Mitral Regurgitation	...	...	1	1	...	...	...	1	...	...	...	1	4
Rupture of Aneurysm	...	...	...	1	...	...	...	...	...	...	...	1	2
Pulmonary Embolism	...	...	...	2	...	...	...	...	...	...	...	...	2
Dilatation of Heart	...	...	...	1	2	...	...	1	1	...	1	1	7
Cardiac Hypertrophy	...	...	...	...	...	1	...	...	...	...	...	...	1
Thrombosis	...	...	...	...	...	...	1	...	...	1	...	...	2
Endo Carditis	...	...	...	...	...	...	...	2	...	...	...	...	2
Phlegmensia Dolens	...	...	...	...	...	...	...	1	...	...	...	...	1
Atheroma	...	...	...	...	...	...	...	...	1	...	1	...	2
Thoracic Aneurism	...	...	...	...	...	...	...	...	1	...	...	...	1
Cardiac Dropsy	...	...	...	...	...	...	...	...	...	1	...	...	1
Ulcerative Endo Carditis	...	...	...	...	...	...	...	...	...	2	1	...	3
Degeneration of Heart	...	...	...	...	...	...	...	...	...	1	...	...	1
DISEASES OF THE RESPIRATORY SYSTEM.													
Phthisis	189	218	247	233	201	163	158	194	187	202	199	196	2,387
Bronchitis Acute	18	19	15	17	29	31	25	26	23	33	24	11	271
„ Chronic	325	306	381	326	342	311	271	215	246	218	201	276	3,418
„ Capillary	79	102	93	73	57	65	39	42	51	47	57	60	765
Asthma	147	136	110	85	107	97	81	74	108	111	103	119	1,278
Pneumonia	206	184	145	134	132	110	96	96	81	131	121	170	1,606
„ Lobar	11	8	11	5	2	7	7	3	1	7	3	8	73
„ Double	5	5	7	4	3	1	2	3	2	2	1	1	36
„ Croupous	5	3	2	1	1	1	2	1	2	3	1	1	23
„ Broncho	113	132	150	133	131	131	99	95	86	103	103	109	1,385
„ Pleuro	3	...	...	1	...	...	...	...	1	...	...	...	5
„ Acute	1	...	...	...	1	...	...	...	...	...	...	...	2

20—*continued.*

SPECIFIC CAUSES of DEATH in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
DISEASES OF THE RESPIRATORY SYSTEM —*contd.*													
Pleuritic Effusion	2	...	...	...	...	...	...	...	...	...	...	...	2
Pleurisy	1	2	1	4	1	...	4	4	4	...	1	2	24
Hæmoptysis	1	...	...	...	...	...	...	...	1	...	1	...	3
Emphysema	5	...	5	...	2	2	...	...	1	5	5	8	33
Laryngitis	2	1	...	1	...	...	...	...	...	...	...	...	4
Emphysema of Lungs	...	9	...	7	...	...	4	2	1	...	...	...	23
Atelectasis	...	...	1	...	...	...	...	...	...	...	...	...	1
Congestion of lungs	...	...	...	1	...	...	...	...	...	...	...	...	1
Pneumo-Thorax	...	...	...	...	...	...	1	...	1	...	...	...	2
DISEASES OF THE DIGESTIVE SYSTEM.													
Abdominal Abscess...	1	...	...	...	...	...	...	...	...	...	...	...	1
Appendicitis	...	1	...	...	...	...	1	...	...	...	1	1	4
Ascaries Lambrocardis	...	1	...	1	...	...	...	...	...	...	...	...	2
Ascitis	3	4	2	2	1	3	3	2	5	6	5	2	38
Colitis	...	...	...	...	...	...	2	1	...	...	2	...	5
Congestion of the Liver	...	2	1	1	...	...	2	1	...	2	...	1	10
Cancrum Oris	...	...	...	...	...	...	...	1	...	...	...	...	1
Cirrhosis of Liver	9	8	3	5	5	5	8	6	6	4	6	7	72
Colic	...	...	1	...	...	...	...	...	2	1	...	...	4
Dyspepsia	...	1	2	1	3	2	...	3	2	...	1	3	18
Dropsy	8	9	11	3	4	4	4	3	4	6	6	7	69
Enlargement of Liver	12	12	3	6	12	3	4	8	4	2	11	8	85
Enteritis	6	5	11	2	3	7	5	3	6	4	5	5	62
Fistula	2	...	...	...	...	1	2	...	...	...	2	...	7
Gastritis	...	4	1	2	4	...	1	4	...	...	3	3	22
Glossitis	...	...	...	...	...	...	...	1	...	...	...	...	1
Hæmatemesis	...	...	...	...	...	...	...	...	1	...	...	...	1
Hepatitis	33	30	36	26	18	23	28	24	13	13	19	16	279
Hepatic Congestion	...	1	1	1	...	...	1	...	...	...	...	...	4
Hydatid cyst of the Liver...	...	...	...	...	...	...	...	...	1	...	...	...	1
Hæmorrhoids	1	2	1	1	...	...	...	...	1	...	1	1	8
Icterus Neonotorum	2	...	1	...	...	...	...	...	...	...	...	...	3
Inflammation of the Bowels	...	...	...	2	...	...	...	...	...	...	...	...	2
" Throat	...	...	...	...	...	...	...	1	...	...	...	1	2
Intestinal Hæmorrhage	...	...	...	...	...	1	...	...	1	...	...	...	2
Inguinal Hernia	1	...	...	...	1	...	...	...	...	...	...	...	2
Intestinal Obstruction	5	2	4	5	3	3	4	1	...	3	3	1	34
" Inflammation	...	...	...	...	...	...	1	...	...	...	...	...	1
Intussesception	...	...	...	...	...	...	...	1	...	1	...	...	2
Jaundice	3	...	1	2	4	4	5	4	3	6	6	3	41
Parotitis	...	...	...	...	...	...	...	...	...	...	1	...	1
Peri Typhlitis	...	...	...	...	...	...	...	...	...	...	1	...	1
Peritonitis	1	...	4	5	...	2	1	4	1	4	3	2	27
Piles...	1	1	1	1	2	...	1	...	2	...	2	5	16
Perforation of Intestine	...	...	...	...	...	...	...	1	...	...	...	...	1
Prolapse of the Anus	...	...	...	...	...	...	...	...	...	1	...	...	1
Sprue or Psilosis	2	1	1	3	3	1	1	3	1	1	...	2	19
Strangulated Hernia	3	2	2	6	...	...	4	4	3	2	4	2	32
Stricture of Lower part of Œsophagus ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Stomatitis	...	1	...	...	...	...	...	...	1	...	...	...	2
Teething and Dentition	10	11	15	16	18	16	21	23	14	17	14	17	192
Tonsillitis	...	...	...	...	...	...	...	...	...	...	1	...	1
Ulceration of Bowels	...	...	...	...	...	...	...	...	1	...	...	...	1
Ulcer of the Stomach	1	...	...	1	...	...	...	...	...	...	1	1	4
Vomiting	...	1	1	...	4	2	3	1	2	1	1	...	16
Yellow Atrophy	1	...	...	...	...	...	...	...	...	...	...	...	1
DISEASES OF THE LYMPHATIC SYSTEM.													
Hæmorrhage in Spleen	1	...	...	...	...	...	...	...	...	...	...	...	1
Spleen Enlargement	...	5	1	1	...	1	...	...	...	1	...	...	9
Enlargement of Lymphatics	...	1	...	...	...	...	...	...	...	...	...	...	1
Elephantiasis	...	...	2	2	...	1	...	...	1	...	1	...	7
Lymphatic Inflammation of the Scrotum.	...	...	...	...	...	1	...	...	...	...	...	...	1
Hydalid of Spleen...	...	...	...	...	...	...	1	...	...	...	...	...	1
Addisons disease	...	...	...	...	...	...	...	...	...	...	1	...	1
Splenitis	...	...	...	...	...	...	...	...	...	...	...	1	1

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SPECIFIC CAUSES of DEATHS in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
DISEASES OF THE URINARY SYSTEM.													
Brights Disease	19	15	12	13	9	8	5	8	13	16	15	22	155
Kidney Disease	4	4	...	...	...	2	2	...	2	...	...	1	15
Granular contracted kidney	1	...	...	...	...	...	...	...	...	...	...	...	1
Uræmia	1	...	...	...	2	...	...	1	2	...	...	...	6
Chronic Nephritis	5	2	2	2	1	...	3	1	2	4	2	6	30
Albuminuria	1	2	1	...	...	...	...	...	...	1	2	5	12
Extravasation of Urine	1	...	...	...	...	...	...	...	...	...	...	...	1
Ovarian cyst	...	1	1	...	...	...	...	...	...	...	...	...	2
Retention of Urine	...	1	...	...	...	...	...	1	...	3	...	...	5
Vesical Calculas	...	1	...	...	...	...	1	...	...	1	1	2	6
Toxæmia	...	...	1	...	...	...	...	...	...	...	...	...	1
Chr. Cystitis	...	...	1	...	...	...	...	...	...	1	...	...	2
Cystitis	...	...	...	1	...	1	...	...	...	...	...	2	4
Hydatic cyst Kidney	...	...	...	1	...	...	...	...	...	...	...	...	1
Renal Dropsy	...	...	...	...	2	...	1	...	...	...	...	...	3
Hæmaturia	...	...	...	...	...	2	...	...	...	...	...	...	2
Renal calculas	...	...	...	...	...	...	1	...	...	...	...	...	1
Suppression of Urine with peritonitis ...	...	...	...	...	...	...	1	...	...	...	...	...	1
Supperating gall bladder	...	...	...	...	...	...	...	2	...	...	...	...	2
Renal Colitis	...	...	...	...	...	...	...	...	1	...	...	...	1
Pyonephrosis	...	...	...	...	...	...	...	...	...	1	...	...	1
Hydronephrosis	...	...	...	...	...	...	...	...	...	...	...	1	1
Chyluria and Dropsy	...	...	...	...	...	...	...	...	...	...	...	1	1
DISEASES OF THE GENERATIVE SYSTEM.													
Abscess of breast	1	...	...	...	...	...	1	...	...	...	...	...	2
Gangrene of Scrotum	1	...	...	2	...	...	...	...	...	1	1	...	5
Leucorrhœa	2	1	1	1	...	...	1	1	1	...	...	1	9
Difficult Labour and Exhaustion ...	2	...	2	2	4	1	...	3	1	2	2	1	20
Perimetritis	...	1	...	1	...	...	...	...	...	...	...	...	2
Shock after abdominal Section ...	...	1	...	...	..	...	...	...	...	...	...	...	1
Debility after Labour	...	2	2	...	...	1	2	...	2	...	...	3	12
Abortion	...	1	...	2	...	...	1	...	...	...	...	...	4
Post Partum Hæmorrhage	...	1	3	1	4	1	3	1	6	4	2	4	30
Obstructed labour	...	1	...	...	...	...	...	...	...	...	...	...	1
Exhaustion after Delivery	...	1	3	...	...	...	1	...	1	2	...	2	10
Ovarian Tumour and Exhaustion ...	...	...	1	...	1	...	...	...	...	...	...	...	2
Cardiac failure after confinement ...	...	...	2	...	...	...	...	...	...	...	...	...	2
Protracted labour (exhaustion)	...	...	2	...	...	1	...	...	...	...	...	...	3
Subinvolution of the Uterus	...	...	1	...	...	1	...	...	...	..	...	...	2
Pelvic Cellulitis	...	...	1	...	...	...	...	...	...	...	...	...	1
Confinement Dysentery	...	...	1	1	...	...	...	...	...	...	...	...	2
Scrotum, Inflammatory	...	...	...	1	...	...	...	...	...	...	...	...	1
Puerperal Hæmorrhage	...	...	...	...	2	...	...	...	...	...	...	1	3
Debility at parturition	...	...	...	...	1	...	...	...	...	...	...	...	1
Asphyxia	...	...	...	...	2	2	...	...	...	...	...	...	4
Heart failure following miscarriage ...	...	...	...	...	...	1	...	...	...	...	...	...	1
Stricture of Urethra and shock	...	...	...	...	...	1	...	...	...	...	1	...	2
Sloughing of the scrotum	...	...	...	...	...	2	...	1	...	...	...	...	3
Pyo-salphinx-asphyxia	...	...	...	...	...	...	...	2	...	...	...	...	2
Labour Rupture of Uterus	...	...	...	...	...	...	...	1	...	...	...	...	1
Haematocele	...	...	...	...	...	...	...	1	...	...	...	...	1
Placenta Prœvia	...	...	...	...	...	...	...	3	...	...	...	...	3
Heart failure (Post partum Hæmorrhage)	...	...	...	...	...	...	...	1	1	...	...	...	2
Rupture of Uterus	...	...	...	...	...	...	...	1	...	...	...	...	1
Miscarriage	...	...	...	...	...	...	...	...	...	1	2	2	5
Prostatic abscess	...	...	...	...	...	...	...	...	...	1	...	...	1
Placenta Premenia	...	...	...	...	...	...	...	...	...	1	1	...	2
Blood poisioning during labour	...	...	...	...	...	...	...	...	...	...	2	...	2
Sinus of breast	...	...	...	...	...	...	...	...	...	...	1	...	1
Menorrhagia	...	...	...	...	...	...	...	...	...	...	3	...	3
Shock labour	...	...	...	...	...	...	...	...	...	...	...	1	1
Tetanus following delivery	...	...	...	...	...	...	...	...	...	...	...	1	1
Parturition and Heart failure	...	...	...	...	...	...	...	...	...	...	...	1	1
Abortion Albuminuria	...	...	...	...	...	...	...	...	...	...	...	1	1
Hydrocele	...	...	...	...	...	...	...	...	...	...	...	1	1

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SPECIFIC CAUSES of DEATHS in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
DISEASES OF THE ORGANS OF LOCOMOTION AND CONNECTIVE TISSUE.													
Abscess thigh	...	...	...	1	...	...	...	...	...	...	...	...	1
Abscess and Exhaustion	1	1	2	1	2	2	...	4	1	...	2	...	16
Gangrene	...	1	...	1	...	1	1	...	1	1	2	...	8
„ Pulmonary	1	...	...	...	...	...	...	...	...	...	...	...	1
„ left foot	...	1	...	1	1	3	...	...	1	...	...	...	7
„ Traumatic	...	1	...	...	...	...	...	...	...	...	...	...	1
„ toes	...	...	...	...	...	...	...	...	...	...	...	1	1
„ back and chest...	...	...	...	...	...	...	...	...	...	...	1	...	1
„ right foot	...	...	...	...	...	...	...	...	2	...	4	...	6
„ and ulcer right foot	1	...	...	...	...	...	...	...	...	...	...	...	1
„ leg	1	...	...	...	...	...	...	1	2	...	3	2	9
Cellulitis	1	...	...	...	1	1	...	1	...	...	1	1	6
„ Diffused	1	...	...	...	...	...	...	1	...	...	...	...	2
Anasarca	1	2	2	1	...	1	...	...	2	1	1	2	13
„ General	...	1	1	1	...	...	...	...	...	...	...	4	7
Guinea worms	...	1	1	...	...	...	...	...	...	...	...	...	2
Caries spine	...	1	...	1	...	...	...	...	...	...	...	...	2
Synovitis	...	...	1	1	...	...	...	...	...	...	...	...	2
Sinus and General debility	...	...	1	...	1	...	...	...	...	...	...	2	4
„ Hip joint	...	...	1	...	...	...	...	...	...	...	...	2	3
Synovitis and General Debility	...	...	1	...	...	...	...	...	...	...	...	...	1
Caries left foot	...	...	2	...	...	...	...	...	...	...	...	...	2
Dislocation hip joint	...	...	...	1	...	...	...	...	...	...	...	...	1
Suppurative gland neck	...	...	...	...	1	...	...	...	...	...	...	...	1
Necrosis bone	...	...	...	...	1	...	...	...	1	...	...	1	3
Abscess knee joint	...	...	...	...	...	2	...	...	...	...	...	...	2
Necrosis toe	...	...	...	...	...	1	...	...	...	...	...	...	1
Abscess and Septic fever	...	...	...	...	...	1	...	1	1	...	...	...	3
„ rib	...	...	...	...	...	1	...	...	...	...	...	...	1
„ Axilla	...	...	...	...	...	1	...	...	...	...	...	...	1
Psoas and lumber abscess...	...	...	...	...	...	1	...	...	...	...	1	...	2
Abscess on the back and nose	...	...	...	...	...	...	1	...	...	...	...	...	1
„ Iliac and Caries	...	...	...	...	...	...	...	1	...	1	...	...	2
Ankylosis	...	...	...	...	...	...	...	...	1	...	...	...	1
Sloughing Ischio and Nectul fosa ...	...	...	...	...	...	...	...	...	1	...	...	...	1

20—*concluded.*

SPECIFIC CAUSES of DEATHS in 1908 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*Concluded.*

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
DISEASES OF THE ORGANS OF LOCOMOTION AND CONNECTIVE TISSUE—*contd.*													
Sinus and continued fever	...	...	...	...	...	...	...	...	...	1	...	...	1
Pott's disease and Meningitis	...	...	...	...	...	...	...	...	...	1	...	...	1
Œdema feet	...	...	...	...	...	...	...	...	...	...	1	...	1
Spinal curvature	...	...	...	...	...	...	...	...	...	...	1	...	1
Ulcer	1	1	...	1	1	...	...	1	1	2	1	...	9
Carbuncle	...	...	...	...	...	1	...	1	1	3	...	1	7
Helmentheasis	...	...	...	...	...	...	...	...	...	1	...	...	1
Ulcer left foot	...	...	...	...	...	...	...	...	...	...	1	...	1
Eczema	...	...	...	...	...	...	...	...	...	...	1	...	1
ACCIDENTS AND VIOLENCE.													
Drowning	77	5	14	8	6	7	10	13	11	13	19		192
Burns and Scalds	8	13	6	4	4	7	3	...	2	5	7	5	54
Privation and starvation	12	44	26	36	17	3	7	12	16	26	31	32	262
Vehicles, Horses and Bullocks	3	2	1	4	5	2	1	3	3	3	8	1	36
Ships, Boats and Docks excluding drowning	1	...	...	...	1	2	2	1	1	1	...	...	9
Building Operations	...	1	...	...	...	...	...	...	...	...	...	...	1
Fall from houses, stairs, godowns, &c. ...	2	1	4	1	4	...	1	1	2	5	6	...	27
Sunstroke	...	...	...	...	1	1	...	...	...	...	...	...	2
Machinery	9	1	4	6	6	4	1	2	4	5	12	3	59
Suffocation, and Strangulation	1	2	...	1	5	1	6	2	...	...	2	3	23
Otherwise or not stated	2	4	6	1	5	12	13	1	5	3	10	7	69
Exposure to Cold	1	...	...	...	...	...	...	...	1	...	1	2	5
Incised Penetrating Stab and Mulbphe Wounds	...	...	...	2	...	...	...	...	...	...	...	...	2
Suicides (other than drowning and poisoning)	...	...	1	4	3	...	...	2	...	...	1	...	11
Fractures	6	2	7	...	...	...	...	...	...	...	...	1	16
Fall of earth, rocks, bales, &c. on body...	2	3	2	1	3	...	...	...	1	2	3	...	17
Gunshot wounds	1	6	...	...	...	...	15	1	...	...	...	1	24
Poisons, Poisonous Vapours and Animals	9	3	3	5	6	4	4	2	8	6	5	2	57
Heat Apoplexy	...	...	...	...	2	...	...	...	...	...	...	...	2
Murder	...	...	...	...	...	1	1	...	...	...	...	...	2

TABLE showing the particulars of VACCINATIONS performed in 1908.

Wards.	SECTIONS.	Population.	Number of Depôts in each District.	Number of Vaccinators in each District.	Number of Persons vaccinated.			Average number of Persons vaccinated by each Vaccinator.	Primary Vaccinations.								Re-vaccinations.			Percentage of successful cases where results were known.		Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the past 5 years.		Average annual number of deaths from small-pox during the past 5 years.		Average cost of each successful vaccination.
									Total.			Successful.															
					Males.	Females.	Total.		Males.	Females.	Total.	Under one year.	One year and under 6 years.	6 years and above.	Total.	Unknown.	Total.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Number.	Ratio per 1,000 of Population.	Number.	Ratio per 1,000 of Population.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
																											Rs. a. p.
A	Upper Colaba	3,775	...	...	409	278	687		187	201	388	265	62	5	332	55	299	94	160	99·69	67·62	22·32	327	18·34	1 12	·25 ·86	
	Middle and Lower Colaba.	15,310	...	...																							
	Fort, South	3,944	1	...	514	323	837		262	270	532	410	68	9	487	45	305	11	282	100·00	47·82	15·21	601	20·83	2 19	·56 ·76	
	Fort, North	28,778	...	1																							
	Esplanade	11,015	...	...	460	217	677		70	102	172	137	22	2	161	10	505	6	491	99·38	42·85	15·16	133	12·49	7	·65	
B	Mandvi	38,158	...	...	232	234	466		211	230	441	270	125	2	397	37	25	...	22	98·26	...	10·40	462	13·54	45	1·31	
	Chukla	29,362	1	...	340	284	624		332	284	616	397	136	1	534	79	8	...	7	99·44	...	18·18	543	20·58	22	·83	
	Umarkhadi	53,610	...	...	506	557	1,063		458	534	992	712	191	6	909	70	71	1	63	98·59	12·50	16·97	938	18·56	50	·98	
	Dongri	32,663	1	1	395	419	814		343	412	755	640	69	...	709	40	59	...	57	99·16	...	21·70	763	26·74	29	1·01	
C	Market	35,305	...	...	307	213	520		261	201	462	272	125	5	402	58	58	6	52	99·50	100·00	11·55	496	15·91	29	·93	
	Dhobi Talao	36,594	1	...	869	570	1,439		398	441	839	558	157	25	740	95	600	29	545	99·46	52·72	21·01	823	25·42	57	1·76	
	Fanaswadi	29,240	...	1	532	315	847		269	271	540	343	123	12	478	57	307	10	270	98·96	27·02	16·68	422	19·62	39	1·81	
	Bhuleshwar	38,129	...	...	263	240	503		238	240	478	306	125	4	435	35	25	3	17	98·19	37·50	11·48	522	15·63	28	·83	
	Khara Talao	26,935	...	...	249	242	491		225	237	462	336	70	4	410	43	29	...	28	97·85	...	15·22	483	19·57	24	·97	
	Kumbharwada	32,784	1	1	374	307	681		298	284	582	417	119	...	536	43	99	3	92	99·44	42·85	16·44	505	17·03	55	1·85	
D	Khetwadi	33,579	...	...	424	336	760		325	314	639	4 89	94	11	594	40	121	6	108	99·16	46·15	17·86	644	21·66	25	·84	
	Girgaum	28,449	1	...	380	343	723		333	324	657	446	154	11	611	44	66	3	55	99·67	27·27	21·58	576	28·37	29	1·42	
	Chowpati	13,033	...	...	148	166	314	4,005	132	154	286	187	74	4	265	21	28	...	28	100·00	...	20·33	247	26·70	12	1·29	
	Walkeshwar	12,685	1	...	146	120	266		84	93	177	143	26	2	171	6	89	2	84	100·00	40·00	13·63	193	16·91	6	·52	
	Mahalakshmi	24,650	...	...	338	347	685		281	324	605	415	109	7	531	71	80	2	72	99·43	25·00	21·62	434	20·95	17	·82	
E	Mazagaon	30,872	1	...	483	450	933		364	409	773	554	141	37	732	41	160	20	125	100·00	57·14	24·35	722	24·80	35	1·20	
	Tarwadi	26,278	...	...	515	474	989		256	272	528	378	65	1	444	82	461	36	421	99·55	90·00	18·26	461	21·35	23	1·06	
	2nd Nagpada	22,016	...	...	1,050	1,061	2,111		1,000	1,037	2,037	1,418	252	5	1,675	335	74	2	66	98·41	25·00	28·66	1,450	28·66	21 37	1·05 1·20	
	Kamathipura	36,484	1	...																							
	Tardeo	28,193	...	1	936	923	1,859		654	658	1,312	923	160	10	1,093	213	547	17	7	99·45	56·66	10·29	1,056	10·92	35 82 1	1·46 1·25 ·18	
	Byculla	76,280	...	...																							
	1st Nagpada	3,335	1	...																							
F	Parel	46,960	...	...	431	481	912		382	447	·829	684	103	3	790	34	83	...	77	99·37	...	16·82	730	18·80	54	1·39	
	Sewri	15,985	1	...	135	130	265		132	125	257	205	41	1	247	9	8	...	8	99·59	...	15·45	228	19·04	8	·66	
	Sion	30,515	...	...	303	284	587		294	281	575	433	108	2	543	31	12	...	12	99·81	...	17·79	566	20·60	23	·83	
G	Mahim	31,178	...	1	663	667	1,330		611	621	1,232	921	238	14	1,173	58	98	1	94	99·91	25·00	37·65	916	31·69	17	·58	
	Worli	69,488	1	...	668	646	1,314		645	633	1,278	956	216	5	1,177	101	36	4	28	100·00	50·00	16·99	907	16·44	63	1·14	
	Harbour and Docks, Railways and Homeless ...	32,240	...	...	946	388	1,334		409	366	775	194	80	10	284	490	559	89	376	99·64	48·63	11·56	180	5·06	7	·19	
	Total ...	977,822	12	6	13,016	11,015	24,031	*Nil.*	9,454	9,765	19,219	13,409	3,253	198	16,860	2,243	4,812	345	4,157	99·32	53·67	17·60	16,328	19·05	914	1·06	1 1 6

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TABLE showing the number of Births registered and Vaccinations of Infants under one year of age performed in the year 1908.

Wards.	SECTIONS.	Total number of births excluding still-born.	Still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of vaccination to births registered.
A	Upper Colaba	90	6	25	65	307	90·56
	Middle and Lower Colaba	249	31	112	137		
	Fort, South	20	7	6	14	446	75·85
	Fort, North	568	51	233	335		
	Esplanade	160	35	139	21	145	90·62
B	Mandvi	523	55	356	167	299	57·17
	Chukla	527	56	236	291	425	80·64
	Umarkhadi	943	169	548	395	762	80·80
	Dongri	695	87	416	279	677	97·41
C	Market	382	36	196	186	302	79·05
	Dhobi Talao	678	74	268	410	606	89·38
	Fanaswadi	424	46	183	241	375	88·48
	Bhuleshwar	510	58	323	187	334	65·49
	Khara Talao	563	50	289	274	376	66·78
	Kumbharwada	595	48	321	274	454	76·30
D	Khetwadi	610	64	253	357	524	85·90
	Girgaum	443	64	223	220	477	107·67
	Chowpati	189	18	70	119	201	106·34
	Walkeshwar	152	10	56	96	147	96·71
	Mahalakshmi	472	46	167	305	472	100·00
E	Mazagaon	936	83	342	594	573	61·21
	Tarwadi	794	56	410	384	435	54·78
	2nd Nagpada	556	51	264	292	1,711	76·96
	Kamathipura	933	89	480	453		
	Tardeo	734	44	299	435		
	Byculla	2,549	211	867	1,682	1,078	40·98
	1st Nagpada	81	9	35	46		
F	Parel	995	79	444	551	713	71·65
	Sewri	360	30	183	177	214	59·44
	Sion	751	57	328	423	449	59·78
G	Mahim	845	48	261	584	963	113·96
	Worli	1,837	147	743	1,094	1,034	56·28
	Harbour and Docks, Railways and Homeless	2	3	1	...	437	21,850·00
	Total ...	20,166	1,918	9,077	11,089	14,936	74·06

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TABLE showing the particulars of Primary Vaccinations performed with different kinds of Lymph in 1908.

	Total Number of Operations.	Successful.	Unknown.	Percentage of Success after deducting the unknown cases.
I Calf Lymph	3,553	2,370	1,150	98·63
II Glycerinated Lymph	20,478	14,835	5,250	97·42
III Lanolinated Lymph	...	...	...	...
IV Human Lymph	...	...	...	...
Total ...	24,031	17,205	6,400	97·58

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TABLE showing the number of prosecutions instituted by the Vaccination Department in 1908.

1	2	3	4	5	6	7
Number of Section of the Act.	Nature of Charge.	Number of Cases Instituted.	Number of Cases Discharged	Otherwise.	Number of Cases Convicted.	Amount of Fines Inflicted.
	Nil.	...	...	...	...	...
	,,	...	...	...	...	...

TABLE showing the number of DEATHS by Disease

Wards.	SECTIONS.	GENERAL DISEASES.																	
					FEVERS.														
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.
A	Upper Colaba ...	...	1	...	...	1	3	3	...	...	...	...	...	8	5	...	...	...	4
	Middle & Lower Colaba.	6	5	74	...	2	6	37	4	...	...	...	...	26	11	3	...	5	7
	Fort, South	1	...	14	...	...	3	5	1	...	...	...	...	3	2	...	...	...	1
	Fort, North	17	8	113	...	6	30	133	4	...	1	...	1	59	22	6	...	2	30
	Esplanade	15	5	38	...	13	35	103	10	...	...	...	1	45	20	2	1	2	10
B	Mandvi	23	22	236	...	1	24	98	2	...	4	...	5	32	33	25	3	1	2
	Chukla	12	23	182	...	2	9	47	1	...	1	...	2	36	31	25	...	...	1
	Umarkhadi	53	84	311	...	4	27	158	51	...	2	1	2	127	55	16	...	3	5
	Dongri	16	30	154	...	...	53	131	26	...	...	...	...	108	29	10	1	3	8
C	Market	10	9	201	...	4	17	64	1	...	1	...	4	33	26	9	...	...	4
	Dhobi Talao	55	14	319	...	13	12	89	1	...	2	...	16	60	23	11	...	2	9
	Fanaswadi	28	15	241	...	3	10	56	1	...	...	...	4	28	13	8	...	1	3
	Bhuleshwar	28	31	375	...	...	7	78	10	...	...	...	15	63	25	10	1	4	12
	Khara Talao	23	24	195	...	4	3	112	2	...	1	...	1	94	34	8	1	1	...
	Kumbharwada ...	36	35	203	...	1	2	68	4	...	...	...	4	60	29	8	...	1	3
D	Khetwadi	20	4	128	...	11	8	68	3	...	...	...	2	67	40	5	...	5	9
	Girgaum	24	6	101	...	4	13	54	1	...	1	...	14	37	40	10	...	2	3
	Chowpati	3	2	48	...	2	6	11	1	...	...	...	1	13	10	4	...	...	2
	Walkeshwar	...	...	60	...	1	9	11	...	...	...	1	2	4	7	3	1	1	1
	Mahalakshmi ...	26	9	90	...	5	2	49	12	...	...	...	1	31	25	6	...	2	5
E	Mazagaon	25	12	257	...	6	5	138	5	...	...	...	2	32	75	15	1	...	3
	Tarwadi	27	21	221	...	8	20	142	3	...	2	...	2	111	80	8	...	3	14
	2nd Nagpada ...	21	28	112	...	1	2	63	18	...	...	...	...	44	31	27	...	2	2
	Kamathipura ...	83	14	180	...	1	1	154	31	...	...	...	1	115	41	24	1	3	9
	Tardeo	43	17	134	...	2	1	67	21	...	...	...	2	37	36	8	1	...	4
	Byculla	99	72	465	...	5	5	247	19	...	...	1	...	165	129	38	8	3	15
	1st Nagpada... ...	11	3	17	...	...	1	7	...	...	...	...	1	6	9	3	...	...	...
F	Parel	93	44	196	...	3	2	123	4	...	...	...	1	105	44	12	1	2	5
	Sewri...	20	9	105	...	...	1	50	2	...	...	...	...	59	34	3	...	...	...
	Sion	29	12	123	...	1	2	102	2	...	...	...	7	86	68	14	66	...	2
G	Mahim	16	8	96	...	3	2	39	2	...	...	...	2	125	34	13	1	2	2
	Worli	113	86	369	...	2	4	172	12	...	...	...	...	175	112	26	2	...	4
	Harbour and Docks, Railways & Homeless	50	...	3	...	2	6	27	1	...	...	...	2	13	4	...	...	1	...
	Total ...	1,026	653	5,361	...	111	331	2,706	255	...	15	3	95	2,007	1,177	360	89	51	179

and Section in 1908.

				LOCAL DISEASES.												INJURIES.					
							RESPIRATORY SYSTEM.									GENERAL.					
Debility.	Old Age.	Tubercle of Lungs, including other Tubercular Diseases.	Other General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
2	7	4	4	8	...	2	7	11	10	...	2	2	6	...	...	...	1	2	...	...	87
34	12	4	24	12	...	7	24	122	8	...	3	3	31	2	...	4	9	8	1	...	463
1	1	3	2	3	...	4	2	13	5	...	1	...	7	...	...	...	2	1	...	...	68
54	52	23	51	63	...	20	95	239	47		18	16	51	7	2	3	18	2	2	...	1,144
30	38	24	21	26	...	15	32	190	32	...	12	7	35	5	...	5	53	8	1	2	801
95	142	10	70	108	...	10	69	487	34	...	2	2	55	1	...	2	16	3	3	1	1,566
66	108	17	39	129	...	9	136	312	38	...	3	1	56	1	...	2	14	3	1	...	1,246
126	44	177	174	129	...	45	231	555	70	1	25	7	169	12	...	4	18	7	5	...	2,529
142	45	53	65	49	...	8	52	380	35	4	11	4	87	5	...	4	11	10	1	...	1,448
59	64	12	40	96	1	20	51	202	39	...	9	4	36	7	...	3	19	1	3	...	1,013
80	51	25	63	71	1	21	60	343	79	4	16	10	74	3	...	10	11	6	2	1	1,483
53	29	6	48	39	...	5	33	242	36	2	5	10	46	5	...	3	4	2	1	...	934
80	56	16	94	101	...	16	150	378	53	...	6	9	58	8	...	3	19	4	3	...	1,655
79	104	17	75	110	...	7	56	342	31	1	3	4	50	4	...	...	34	3	1	...	1,374
95	45	9	60	55	...	1	58	307	44	...	4	3	48	1	...	1	7	5	1	1	1,151
71	39	24	51	76	...	16	32	293	49	...	17	2	64	3	4	2	10	4	1	9	1,073
80	45	24	71	60	...	4	69	252	58	1	17	5	64	5	4	4	7	2	2	6	1,026
21	17	4	19	25	...	7	24	68	10	...	3	2	18	1	...	2	6	...	...	1	313
16	9	5	13	15	...	4	7	65	18	1	2	2	10	2	...	2	1	...	1	...	264
78	26	3	41	16	...	10	50	161	16	2	4	3	46	2	...	4	3	3	3	...	688
135	98	10	56	81	1	8	43	304	19	1	3	6	83	3	...	3	12	6	...	...	1,365
111	63	45	83	70	1	11	65	282	53	...	15	7	56	8	3	9	64	18	4	...	1,574
75	104	15	54	101	...	7	74	312	35	2	8	3	51	...	...	4	8	3	2	...	1,158
172	119	24	125	97	1	12	83	405	62	...	14	3	89	3	...	...	14	6	5	3	1,806
95	44	16	80	47	...	4	90	324	35	1	5	6	44	2	...	2	7	4	1	...	1,136
313	284	18	214	188	...	9	201	824	26	...	11	8	211	10	...	3	31	4	3	3	3,421
10	9	4	9	11	...	1	11	34	4	...	...	1	9	...	...	...	2	1	...	1	156
204	77	7	43	78	1	14	199	287	26	1	9	3	79	3	3	13	19	7	3	1	1,633
84	20	1	10	28	1	3	41	92	15	...	2	1	30	8	1	2	5	4	...	...	601
161	33	6	29	41	...	6	87	182	58	...	9	7	57	4	1	3	5	5	3	1	1,155
108	48	7	53	58	...	12	51	267	22	...	7	2	48	3	...	7	8	2	1	1	997
321	144	13	111	95	...	5	198	654	35	1	7	9	147	2	1	13	20	5	3	6	2,720
3	14	10	2	2	...	7	6	25	2	...	1	...	3	...	...	5	30	2	...	5	223
3,054	1,991	636	1,894	2,083	7	330	2,387	8,954	1,099	22	254	152	1,918	120	19	122	488	141	57	42	38,271

TABLE showing the number of DEATHS by Race, Cause and Sex in 1908.

RACE OR CASTE.	GENERAL DISEASES.																			
	Small-pox.		Measles.		Plague.		FEVERS.										Influenza.		Whooping Cough.	
							Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	6	7	3	5	214	51	...	...	2	2	6	5	70	31	4	1	...	...	...	3
Brahmins	20	14	4	6	186	54	...	...	4	...	8	4	79	41	5	1	...	...	...	...
Lingaits	...	2	1	1	9	11	...	...	...	...	...	...	5	3	...	1	...	...	...	...
Bhatias	...	1	1	1	13	8	...	...	1	...	4	3	20	10	...	...	...	...	...	...
Hindus of other Castes	279	202	136	155	2,220	1,023	...	...	20	4	90	57	849	485	86	20	...	...	4	...
Hindus, Low Castes	56	80	64	73	247	176	...	...	1	...	15	13	195	139	50	17	...	...	...	...
Mussulmans	147	75	86	90	597	281	...	...	12	...	46	20	325	214	59	5	...	...	2	1
Parsees	3	5	12	3	47	52	...	...	18	11	8	10	53	44	...	...	...	...	2	1
Jews...	2	...	1	2	3	...	...	...	...	...	1	1	5	4	...	...	...	...	1	...
Native Christians	77	37	4	...	100	56	...	...	8	3	14	7	60	62	4	2	...	...	...	1
Eurasians	1	...	1	...	7	2	...	...	3	1	2	2	3	1	...	...	...	...	...	...
Europeans	9	1	2	1	2	...	...	...	17	3	12	3	1	3	...	...	...	...	...	...
Negro-Africans	1	1	1	...	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Buddhists	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...
Other and unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All Castes ... Males	601	...	316	...	3,647	...	...	...	86	...	206	...	1,667	...	208	...	...	...	9	...
All Castes ... Females	...	425	...	337	...	1,714	...	...	...	25	...	125	...	1,039	...	47	...	...	...	6
All Castes ... Persons	1,026		653		5,361		.....		111		331		2,706		255				15	

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26—*continued.*

TABLE showing the number of DEATHS by Race, Cause and Sex in 1908—*continued.*

RACE OR CASTE.	GENERAL DISEASES—*contd.*																			
	Diphtheria.		Cholera.		Diarrhœa.		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	...	...	6	2	23	19	19	6	...	14	...	...	2	1	1	4	27	25	34	25
Brahmins	...	...	4	5	24	16	34	16	...	14	1	...	3	1	1	1	40	37	25	32
Lingaits	...	...	...	1	7	3	1	1	...	1	1	...	...	...	...	...	11	10	5	8
Bhatias	...	...	...	...	7	5	8	2	...	8	...	...	...	...	...	2	9	11	14	27
Hindus of other Castes	...	...	40	19	457	377	367	245	...	147	37	16	8	6	31	19	913	752	367	492
Hindus, Low Castes	...	...	1	2	174	175	80	77	...	39	8	3	1	3	22	23	301	244	87	105
Mussulmans	...	...	2	2	244	181	159	75	...	116	13	1	4	6	11	9	273	240	344	296
Parsees	...	...	...	4	51	50	14	12	...	4	...	...	2	3	15	14	22	31	31	41
Jews	...	...	...	...	1	3	7	1	...	5	...	...	...	...	...	...	8	6	5	14
Native Christians	...	...	7	...	68	87	23	13	...	11	6	3	1	3	11	9	47	41	24	9
Eurasians	...	...	...	...	6	10	2	1	...	...	...	...	...	1	1	1	...	2	...	3
Europeans	...	3	...	...	10	6	10	3	...	1	...	...	2	4	1	2	2	1	...	1
Negro-Africans	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1
Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and Unknown Castes ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...
All Castes ... Males	...	...	60	...	1,074	...	725	...	...	...	66	...	23	...	94	...	1,653	...	937	...
All Castes ... Females	...	3	...	35	...	933	...	452	...	360	...	23	...	28	...	85	...	1,401	...	1,054
All Castes ... Persons	3		95		2,007		1,177		360		89		51		179		3,054		1,991	

26—*continued.*

TABLE showing the number of DEATHS by Race, Cause and Sex in 1908—*contd.*

Race or Caste.	General Diseases—*concld.*				Local Diseases.															
	Tubercle of Lung including other Tubercular Diseases.		Other General Diseases.		Nervous System.		Diseases of the Eye, Ear and Nose.		Circulatory System.		Respiratory System. Phthisis.		Respiratory System. Other Diseases of the Respiratory System.		Digestive System.		Lymphatic System.		Urinary System.	
	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	5	13	30	33	48	38	...	...	13	3	14	36	171	117	29	16	...	...	7	2
Brahmins	3	9	38	31	47	42	...	...	6	2	17	48	169	132	34	19	1	1	4	4
Lingaits	1	...	5	3	5	3	...	...	1	1	5	10	17	13	1	1	...	...	1	...
Bhatias	...	2	7	10	15	13	...	...	2	2	9	20	42	40	14	2	...	...	2	2
Hindus of other Castes	122	106	388	424	415	333	4	1	90	17	533	580	2,338	1,946	279	152	6	4	50	35
Hindus, Low Castes	8	11	79	79	104	82	...	...	5	2	95	112	660	517	54	36	...	...	3	4
Mussulmans	117	136	280	319	369	299	...	...	58	25	267	497	1,285	961	161	88	1	2	40	24
Parsees	14	14	44	41	77	65	1	...	37	14	29	24	119	97	55	44	2	4	18	17
Jews	1	5	6	6	5	7	...	...	1	3	4	3	22	17	5	3	...	...	1	2
Native Christians	34	15	25	26	45	34	1	...	20	10	33	37	133	96	48	18	1	...	20	10
Eurasians	5	5	5	2	7	7	...	...	2	...	6	...	13	11	9	5	...	...	3	2
Europeans	3	4	5	5	17	5	...	...	10	5	3	3	18	7	20	6	...	...	1	2
Negro-Africans	2	1	1	2	1	...	...	...	1	...	1	1	8	4	...	...	...	...	...	...
Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and Unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
All Castes ... Males	315	...	913	...	1,155	...	6	...	246	...	1,016	...	4,993	...	709	...	11	...	150	...
All Castes ... Females	...	321	...	981	...	928	...	1	...	84	...	1,371	...	3,958	...	390	...	11	...	104
All Castes ... Persons	636		1,894		2,083		7		330		2,387		8,954		1,099		22		254	

26—*continued.*

TABLE showing the number of DEATHS by Race, Cause, and Sex in 1908—*concluded.*

RACE OR CASTE.	LOCAL DISEASES—*contd.*								INJURIES.													
	Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		GENERAL. Drowning.		GENERAL. Other General Injuries.		Local Injuries.		Poisons.		Unspecified Causes.		All Causes.			Percentage to the total mortality.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	
Jains	...	5	...	...	3	2	1	...	3	...	5	6	...	...	2	...	1	...	749	472	1,221	3·19
Brahmins ...	3	8	...	...	2	2	1	...	1	1	3	4	2	...	2	...	...	1	771	546	1,317	3·44
Lingaits	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	77	75	152	0·39
Bhatias	...	2	...	...	1	3	...	...	...	...	2	...	2	...	...	...	...	...	173	174	347	0·80
Hindus of other Castes	3	64	...	...	29	20	4	1	54	20	162	49	60	17	16	14	17	6	10,474	7,808	18,282	47·76
Hindus, Low Castes	...	10	...	...	6	2	2	...	7	3	17	10	9	8	2	5	2	1	2,355	2,051	4,406	11·51
Mussulmans ...	4	27	...	...	18	10	3	1	17	2	153	34	28	1	5	1	10	2	5,140	4,041	9,181	23·98
Parsees	4	7	...	...	5	2	2	2	5	1	5	2	3	2	7	2	...	...	705	623	1,328	3·47
Jews	1	1	...	...	...	...	1	...	...	...	...	2	1	...	...	...	...	...	82	85	167	0·43
Native Christians.	2	6	...	...	11	2	1	...	1	...	19	7	1	...	...	...	...	...	849	605	1,454	3·79
Eurasians ...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	78	57	135	0·35
Europeans ...	...	2	...	...	1	...	...	...	3	...	5	1	6	...	1	...	...	...	161	72	233	0·60
Negro-Africans ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	23	12	35	0·09
Buddhists ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	0·01
Other and Unknown Castes...	...	...	...	...	...	...	...	...	3	...	...	1	...	...	...	...	2	...	7	3	10	0·02
All Castes. Males ...	18	...	...	...	77	...	15	...	95	...	371	...	113	...	35	...	32	...	21,645	...	...	
All Castes. Females ...	...	134	...	...	...	43	...	4	...	27	...	117	...	28	...	22	...	10	...	16,626	38,271	
All Castes. Persons ...	152		...		120		19		122		488		141		57		42		38,271			

Table showing the number of DEATHS by Age, Sex, and Disease in 1908.

AGE.		GENERAL DISEASES.																			
		Small-pox.		Measles.		Plague.		FEVER.										Influenza.		Whooping Cough.	
								Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	4	6	1	1	...	...	...	...	...	...	1	...	10	11	...	...	...	...	...	...
MONTHS	1 to 6	36	52	19	28	3	...	...	...	...	...	4	3	43	39	...	...	...	...	...	2
	7 to 12	50	88	94	95	3	4	...	...	...	2	5	8	49	54	...	...	...	...	4	...
YEARS	1 to 2	50	40	89	99	11	4	...	...	1	...	3	4	37	44	...	...	...	...	2	1
	2 to 3	33	33	39	46	11	9	...	...	1	...	3	7	23	30	...	...	...	...	1	2
	3 to 4	15	15	28	24	11	15	...	...	...	...	3	4	15	21	...	1	...	...	1	...
	4 to 5	11	23	13	9	29	24	...	...	1	1	1	1	17	20	...	...	...	...	...	...
	5 to 10	62	36	20	26	214	212	...	...	2	3	11	13	95	90	4	1	...	...	1	1
	10 to 15	33	26	4	3	448	265	...	...	5	4	7	4	105	92	17	4	...	...	...	...
	15 to 20	101	47	5	3	691	311	...	...	12	6	19	11	219	142	35	10	...	...	...	...
	20 to 25	85	22	1	1	686	223	...	...	23	1	27	11	254	117	41	13	...	...	...	...
	25 to 30	46	18	3	2	578	223	...	...	13	2	16	14	207	113	43	3	...	...	...	...
	30 to 35	23	8	...	...	314	129	...	...	10	...	19	7	142	62	28	4	...	...	...	...
	35 to 40	15	6	...	...	266	113	...	...	5	3	19	6	151	59	13	5	...	...	...	...
	40 to 45	6	3	...	...	91	27	...	...	2	1	12	5	73	27	10	1	...	...	...	...
	45 to 50	13	...	...	...	138	72	...	...	7	1	24	9	81	32	8	2	...	...	...	...
	50 to 55	2	1	...	...	34	14	...	...	2	...	8	2	37	15	1	...	...	...	...	...
	55 to 60	11	1	...	...	68	47	...	...	2	...	8	9	54	30	7	2	...	...	...	...
	60 and over	5	...	...	...	51	22	...	...	...	1	16	7	55	41	1	1	...	...	...	...
	Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES	Males	601	...	316	...	3,647	...	...	...	86	...	206	...	1,667	...	208	...	...	...	9	...
	Females	...	425	...	337	...	1,714	...	...	...	25	...	125	...	1,039	...	47	...	...	...	6
	Persons	1,026		653		5,361		.....		111		331		2,706		255		...		15	

27—*continued.*

Table showing the number of DEATHS by Age, Sex, and Disease in 1908—*continued.*

AGE.		GENERAL DISEASES—*contd.*																			
		Diphtheria.		Cholera.		Diarrhœa.		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	...	...	...	...	26	23	2	1	...	...	...	...	...	...	94	85	1,357	1,088	...	...
MONTHS	1 to 6	...	...	...	...	108	105	19	22	...	...	...	...	...	...	...	...	175	160	...	...
	7 to 12	...	...	...	...	163	189	52	53	...	...	...	...	...	...	...	...	45	47	...	...
YEARS	1 to 2	...	1	...	1	147	100	59	57	...	...	...	...	...	...	...	...	14	20	...	...
	2 to 3	...	1	1	...	45	71	38	43	...	...	...	...	...	...	...	...	4	8	...	...
	3 to 4	...	...	...	1	16	26	23	16	...	...	...	...	...	...	...	...	...	1	...	...
	4 to 5	...	...	...	...	11	15	15	20	...	...	...	...	...	...	...	...	1	...	...	...
	5 to 10	...	...	3	2	18	27	45	50	...	...	...	...	...	...	...	...	2	4	...	...
	10 to 15	...	1	6	1	18	16	29	15	...	12	...	...	...	1	...	...	1	7	...	...
	15 to 20	...	...	9	7	38	30	34	15	...	111	9	4	...	2	...	...	5	14	...	...
	20 to 25	...	...	6	3	44	43	54	34	...	121	3	...	...	...	...	...	9	15	...	...
	25 to 30	...	...	8	4	60	43	66	26	...	63	6	7	3	2	...	...	6	5	...	...
	30 to 35	...	...	9	3	51	22	61	14	...	38	17	3	1	1	...	...	4	2	...	...
	35 to 40	...	...	9	3	54	39	62	24	...	12	7	3	2	8	...	...	3	8	...	...
	40 to 45	...	...	2	1	37	10	34	10	...	1	4	3	3	1	...	...	5	7	...	...
	45 to 50	...	...	1	1	65	29	41	16	...	2	9	1	5	5	...	...	22	15	...	1
	50 to 55	...	...	1	2	34	17	18	5	...	...	2	...	3	3	...	...	...	...	12	7
	55 to 60	...	...	2	4	56	37	42	16	...	...	8	1	2	2	...	...	...	...	167	174
	60 and over	...	...	3	2	83	91	31	15	...	...	1	1	4	3	...	...	...	...	758	872
	Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES.	Males	...	...	60	...	1,074	...	725	...	...	...	66	...	23	...	94	...	1,653	...	937	...
	Females	...	3	...	35	...	933	...	452	...	360	...	23	...	28	...	85	...	1,401	...	1,054
	Persons	3		95		2,007		1,177		360		89		51		179		3,054		1,991	

27—*continued.*

Table showing the number of DEATHS by Age, Sex, and Disease in 1908—*continued.*

AGE.		GENERAL DISEASES—*concld.*				LOCAL DISEASES.															
		Tubercle of Lung, including other Tubercular Diseases.		Other General Diseases.		Nervous System.		Diseases of the Eye, Ear, and Nose.		Circulatory System.		Respiratory System. Phthisis.		Respiratory System. Other Diseases of the Respiratory System.		Digestive System.		Lymphatic System.		Urinary System.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Famales.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	...	...	4	5	142	115	...	...	...	...	...	...	29	35	8	12	...	...	1	...
MONTHS	1 to 6	...	...	27	21	458	356	...	...	...	...	...	...	548	514	36	24	...	...	...	...
	7 to 12	1	1	129	116	170	162	...	...	1	...	4	...	735	696	85	78	...	1	1	...
YEARS	1 to 2	2	1	165	178	79	69	1	1	...	...	2	1	423	450	70	55	...	2	1	...
	2 to 3	2	2	63	85	17	18	...	...	1	...	1	...	146	174	13	10	...	1	1	...
	3 to 4	2	2	35	53	7	8	...	...	1	...	2	4	74	73	10	3	...	1	...	...
	4 to 5	3	...	17	16	5	6	...	...	...	...	2	7	45	39	4	2	...	...	1	...
	5 to 10	8	16	36	63	10	9	...	...	2	2	15	38	90	134	5	10	...	...	2	1
	10 to 15	10	33	17	46	3	8	...	...	5	2	55	125	79	103	8	15	1	...	3	4
	15 to 20	32	74	50	91	10	18	...	...	4	10	141	305	198	158	20	21	3	...	3	10
	20 to 25	52	61	57	80	16	19	...	...	19	12	209	311	242	137	45	27	...	...	16	16
	25 to 30	61	43	74	78	20	21	1	...	33	11	195	276	295	134	96	31	...	1	18	16
	30 to 35	42	41	56	34	18	12	2	...	29	8	137	126	231	123	72	22	...	1	13	9
	35 to 40	43	27	59	42	31	22	...	...	36	9	119	93	354	154	83	21	...	...	19	9
	40 to 45	19	6	32	12	25	6	...	...	27	4	43	29	193	101	47	15	1	...	10	7
	45 to 50	19	9	35	20	25	15	...	...	26	4	47	25	369	223	33	14	2	2	17	6
	50 to 55	10	4	20	8	31	6	...	...	11	4	14	14	158	102	34	10	2	...	12	5
	55 to 60	8	1	19	16	29	13	1	...	24	8	19	13	432	315	19	8	1	1	8	7
	60 and over	1	...	18	17	59	45	1	...	27	10	11	4	354	293	21	12	1	1	24	14
	Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
ALL AGES	Males	315	...	913	...	1,155	...	6	...	246	...	1,016	...	4,996	...	709	...	11	...	150	...
	Females	...	321	...	981	...	928	...	1	...	84	...	1,371	...	3,958	...	390	...	11	...	104
	Persons	636		1,894		2,083		7		330		2,387		8,954		1,099		22		254	

27—*concluded.*

Table showing the number of DEATHS by Age, Sex, and Disease in 1908—*continued.*

AGE.		LOCAL DISEASES—*contd.*								INJURIES.													
		Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		GENERAL. Drowning.		GENERAL. Other General Injuries.		Local Injuries.		Poisons.		Unspecified Causes.		All causes.		Persons.
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
DAYS ...	1 to 30...	2	1	...	...	...	...	...	...	...	...	3	8	...	1	...	...	1	1	1,685	1,393	3,078
MONTHS	1 to 6...	...	...	...	...	...	...	1	1	...	...	1	1	1	...	...	...	...	...	1,479	1,328	2,807
	7 to 12...	...	...	...	...	3	...	...	...	...	...	1	1	1	...	1	...	...	...	1,597	1,595	3,192
YEARS...	1 to 2...	...	...	...	...	...	...	2	...	...	1	...	1	...	1	1	...	...	...	1,159	1,131	2,290
	2 to 3...	...	...	...	...	1	2	...	...	1	1	1	1	...	...	...	...	...	...	446	544	990
	3 to 4...	...	...	...	...	2	...	...	...	1	...	1	5	2	...	...	...	...	...	249	273	522
	4 to 5...	...	...	...	...	2	1	...	...	...	...	4	2	2	1	...	...	...	...	184	187	371
	5 to 10...	...	...	...	...	1	1	...	...	4	2	5	7	1	...	...	2	1	1	657	751	1,408
	10 to 15...	...	4	...	...	3	5	...	...	11	3	11	4	9	2	...	...	...	1	888	806	1,694
	15 to 20...	1	23	...	...	5	4	2	...	7	13	24	8	14	4	3	5	...	1	1,694	1,458	3,152
	20 to 25...	1	40	...	...	6	4	...	...	11	1	45	10	22	4	3	6	4	4	1,981	1,336	3,317
	25 to 30...	3	32	...	...	10	5	1	1	18	2	52	13	18	3	8	4	5	...	1,963	1,196	3,159
	30 to 35...	2	22	...	...	5	5	1	...	18	1	34	8	17	1	6	...	5	1	1,367	707	2,074
	35 to 40...	2	8	...	...	13	3	1	...	8	...	40	9	12	3	6	3	...	...	1,432	692	2,124
	40 to 45...	3	1	...	...	4	2	...	...	2	1	29	3	5	2	2	...	2	1	723	287	1,010
	45 to 50...	1	2	...	...	10	3	3	...	3	...	29	10	2	1	3	1	5	...	1,043	521	1,564
	50 to 55...	...	1	...	...	3	2	1	1	3	...	18	1	...	1	...	1	1	...	472	226	698
	55 to 60...	...	...	...	...	5	2	2	...	2	...	42	17	4	1	1	...	5	...	1,048	725	1,773
	60 & over.	3	...	...	...	4	4	1	1	1	2	30	8	3	3	1	...	...	...	1,568	1,470	3,038
	Unspecified.	...	...	...	...	...	...	...	...	5	...	1	...	...	...	...	...	3	...	10	...	10
ALL AGES.	Males ...	18	...	...	...	77	...	15	...	95	...	371	...	113	...	35	...	32	...	21,645	...	38,271
	Females..	...	134	...	...	...	43	...	4	...	27	...	117	...	28	...	22	...	10	...	16,626	...
	Persons...	152		...		120		19		122		488		141		57		42		.....		38,271

TABLE showing the number of Deaths by

Title of Orders.	Occupation or Trade of Family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
Professional General	1 (a) Imperial Government Officials, Clerks, &c.	1	...	7	...	2	4	9	1	...	...	...	1	2	2	...	...
Government ...	2 (b) Foreign Government Consuls, &c.	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
	3 (c) Native States, Chiefs, Staffs, Retinue, &c. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	4 (d) Mul. and Local Government Police, &c.	...	...	10	...	1	1	5	2	...	...	...	...	2	3	...	...
	Post and Telegraph Office Peons, &c.	1	...	24	...	...	1	10	1	...	...	...	1	...	4	...	...
Defence ...	5 (a) Army	...	...	1	...	4	5	...	...	...	...	...	...	1	3	...	...
	6 (b) Navy	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
Learned professions.	7 (a) Ministers of Religions, Professors, &c.	...	...	16	...	1	...	3	...	...	...	...	...	4	3	...	...
	8 (b) Law, Medical, Literature (Science), &c.	1	...	10	...	...	...	2	...	...	...	...	...	...	2	...	...
	9 (c) Unlicensed Practitioners, Dentists, Opticians, Nurses, &c....	1	...	6	...	...	1	2	...	...	...	...	...	1	4	...	...
Commercial ...	10 (a) General Merchants in special goods	...	...	69	...	2	4	24	...	...	...	...	2	11	8	...	...
	11 (b) Bankers, Accountants, Clerks, Capitalists, Shroffs, &c.	3	...	95	...	8	8	48	1	...	...	...	1	12	17	...	...
	12 (c) Shopkeepers, other General Dealers, Hawkers, &c. ...	6	...	215	...	2	7	73	12	...	...	...	2	34	25	...	...
	13 (d) Intoxicating Drinks and Drugs Dealers	2	...	13	...	2	...	4	...	...	...	...	...	1	2	...	...
	14 (e) Vegetable Food Dealers ...	2	...	47	...	...	...	15	...	...	...	...	3	4	2	1	...
	15 (f) Vegetable Substance Makers and Dealers	...	...	4	...	...	1	7	1	...	...	...	...	1	5	...	...
	16 (g) Animal Food Dealers, fishers, &c.	...	...	30	...	...	1	10	...	...	...	...	...	7	2	...	1
	17 (h) Animal Substance Makers and Dealers	5	...	42	...	...	2	13	1	...	...	...	...	3	...	...	...
	18 (i) Entertainers, Hotel, Club, Refreshment House Keepers	2	...	12	...	2	...	17	1	...	...	...	...	6	2	...	...
	19 (j) Carriers on Road, Horse, Carriage, Cart Keepers ...	5	...	133	...	...	4	44	3	...	...	...	1	7	8	...	...
	20 (k) Carriers on Seas, Boatmen, Seamen, &c.	5	...	15	...	3	4	44	...	...	...	...	1	2	8	...	...
Railway ...	21 (a) Officials, Clerks, &c.... ...	1	...	8	...	2	2	12	...	...	...	...	2	2	2	...	...
	22 (b) Workshop Servants	3	1	53	...	2	3	18	1	...	...	...	1	5	6	...	...
	23 (c) Labourers, Earth-workers, &c.	3	1	26	...	...	...	4	1	...	...	...	...	5	3	...	...
Port & Improvement Trusts & Harbour.	24 (a) Officials, Clerks, &c.	...	...	7	...	3	...	9	1	...	...	...	...	1	...	...	...
	25 (b) General Labourers, &c. ...	6	...	32	...	1	1	34	6	...	...	...	...	5	5	...	...
Tramway ...	26 (a) Officials, Clerks, Conductors Drivers &c.	1	...	2	...	...	1	1	1	...	...	...	...	...	1	...	...
	27 (b) General Labourers	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...
Industrial ...	28 (a) Metal, &c., Workshopkeepers, Mechanical Tools Makers	...	...	5	...	...	...	2	...	...	...	...	1	1	1	...	...
	29 (b) Metal, &c., Workshop Servants, Labourers, &c....	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...
	30 (a) Mills (Cotton, Silk, &c.), Master, Managers, Clerks, &c.	3	...	10	...	2	1	4	...	...	...	...	1	1	1	...	...
	31 (b) Weavers, Spinners and other Workers	78	12	608	...	...	3	255	21	...	...	...	2	45	61	25	2

DISEASE and OCCUPATION in 1908.

						LOCAL DISEASES.												INJURIES.					
									RESPIRATORY SYSTEM.									GENERAL.					
Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of Lungs, including other Tubercular diseases.	Other General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
...	...	...	...	...	1	4	...	4	5	8	5	...	1	...	...	...	...	1	...	...	1	...	59
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	3
...	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	4
...	...	...	2	...	4	1	...	1	5	21	1	...	...	...	...	1	...	...	1	...	...	...	61
...	...	1	1	3	3	...	...	2	9	23	4	...	1	...	...	...	...	...	2	...	...	...	91
...	...	...	1	3	1	2	...	1	1	7	3	...	1	...	...	...	...	...	...	2	...	...	36
...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	5
2	...	...	1	2	...	1	...	...	4	22	4	...	1	...	...	...	...	...	...	...	...	...	64
...	...	...	...	...	5	3	...	...	4	5	5	...	1	...	...	...	...	1	1	...	...	...	41
...	...	1	3	...	...	1	...	4	2	9	4	...	...	...	...	...	...	...	...	...	1	...	40
1	...	2	30	7	11	19	...	7	16	69	16	...	1	1	...	1	...	2	1	1	3	1	309
3	...	...	15	15	24	16	...	20	29	95	41	...	9	1	...	2	...	3	9	4	1	...	480
...	...	4	29	8	38	18	...	18	49	180	37	...	8	...	...	2	...	2	6	1	2	...	778
...	...	...	1	1	2	2	...	1	2	10	7	...	...	...	...	...	...	1	1	...	1	...	53
...	...	...	2	4	6	1	...	...	13	33	8	...	1	...	...	...	...	...	...	1	...	...	143
...	...	...	3	...	1	1	...	...	8	11	2	...	...	...	...	...	...	...	...	...	...	...	45
...	...	...	12	1	3	3	...	1	13	15	9	...	1	1	...	...	...	1	1	...	1	...	113
...	...	...	2	1	2	...	...	...	6	18	3	...	1	...	...	3	...	...	...	1	...	...	103
...	...	...	3	1	1	1	...	2	6	18	3	...	3	...	...	...	...	...	...	...	1	...	81
1	...	2	9	7	14	3	...	8	31	115	18	...	3	1	...	1	...	1	7	3	...	...	429
1	...	2	4	10	4	4	...	12	23	59	7	...	3	...	...	1	...	2	8	2	...	1	225
...	...	...	1	3	2	3	...	5	5	17	10	1	3	1	...	1	...	1	...	1	...	...	85
...	...	...	5	5	9	8	...	6	16	33	8	...	1	2	...	...	...	...	8	5	...	...	199
...	...	1	2	1	3	...	...	...	4	27	1	...	1	...	...	...	...	...	2	...	...	...	85
...	...	...	1	...	2	1	...	4	3	13	3	...	...	...	...	...	...	...	...	1	2	...	51
...	...	1	1	4	5	2	...	...	9	44	6	...	2	...	...	1	...	...	3	3	...	...	171
...	...	...	1	...	1	...	...	...	2	7	...	...	1	...	...	...	...	...	...	...	...	...	19
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	6
...	...	...	...	1	3	1	...	...	5	6	2	...	...	...	...	...	...	...	...	...	...	...	28
...	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	2	...	4	2	...	2	4	8	1	...	1	...	...	1	...	1	...	...	...	...	49
...	...	6	46	15	50	11	...	13	314	403	33	1	7	6	...	4	1	7	20	4	1	2	2,056

TABLE showing the number of Deaths by

Title of Order.	Occupation or trade of family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
	32 (a) Presses (Printing, &c.,) Printers, Lithographers, &c.	2	...	25	...	3	2	10	...	...	...	...	...	2	5	...	...
	33 (b) Other General Labourers ...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Art ...	34 (a) Engineers, Photographers, Electricians, Architects ...	...	...	6	...	2	2	5	1	...	...	...	...	4	4	...	...
	35 (b) Builders in Boats, Houses, Coaches, &c.	..	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...
	36 (c) Watchmakers, Gilders, Engravers, &c.	...	...	6	...	...	...	6	...	...	...	...	...	...	1	...	...
	37 (d) Metal Workers	2	...	86	...	1	3	22	1	...	...	...	..	7	7	...	...
	38 (e) Wood Workers	4	...	80	...	...	3	28	2	...	...	...	2	9	6	...	...
	39 (f) Stone Workers (Precious) ..	...	...	4	...	...	...	1	...	...	...	...	...	...	...	...	...
	40 (g) Leather Workers	2	...	48	...	1	...	22	7	...	...	...	...	13	1	1	2
	41 (h) Earth, Stone, Clay, &c., Workers	2	...	41	...	...	1	18	...	...	...	...	...	6	6	...	...
	42 (i) Textile Fabrics (Cotton, Silk, &c.,) Workers	...	...	1	...	...	...	2	...	...	...	...	...	1	...	...	...
	43 (j) Dyers, Painters, &c.	...	...	28	...	1	3	16	1	...	...	...	...	2	5	...	...
	44 (k) Glass Workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	45 (l) Salt Workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	46 (m) Water Workers	...	...	5	...	...	...	1	...	...	...	...	...	2	...	...	...
	47 (n) Miscellaneous Workers ...	2	...	47	...	...	1	11	3	...	...	...	1	5	8	1	...
	48 (o) Players, Actors, Dancers, Prostitutes &c.	1	...	16	...	...	...	2	1	...	...	...	...	1	2	...	...
Agriculture ...	49 (a) Gardeners, Cultivators, Farmers, &c.	5	1	46	...	..	...	22	2	...	...	...	...	6	5	...	...
	50 (b) Grass, Hay, Forage, &c., Dealers..	...	...	2	...	...	...	1	...	...	...	...	1	2	...	...	...
Other and unspecified	51 (a) Barbers, Washers, Tailors, Cooks, Bakers, &c.	53	1	162	...	6	15	71	8	...	...	...	4	17	22	3	2
	52 (b) General Labourers	76	1	718	...	4	24	245	77	...	...	...	10	64	66	9	1
	53 (c) Domestic Servants, Bhistis, Ayahs &c.	27	1	226	...	...	5	54	19	...	...	...	1	16	15	...	...
	54 (d) Servants not otherwise described	9	...	240	...	2	9	59	3	...	...	...	6	22	25	...	...
	55 (e) Municipal Bigaries, Halalcores &c.	7	...	69	...	1	6	77	23	...	...	...	2	32	31	4	...
Persons of independent means.	56 (a) Landlords	...	...	5	...	1	2	2	...	...	...	...	...	4	1	1	...
	57 (b) Pensioners	...	...	2	...	...	...	8	...	...	...	...	1	7	4	...	1
	58 (c) Mendicants, &c.	9	1	127	...	...	7	27	4	...	...	...	1	57	20	3	9
Others ...	59 (a) Students	4	1	47	...	9	2	17	...	...	...	...	1	5	5	...	...
	60 (b) Prisoners and Convicts ...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...
	61 (c) Others (Pilgrims, Travellers &c.)	45	...	7	...	2	12	26	...	...	...	...	3	53	26	1	2
	62 Persons following no occupations—Male ...	22	...	184	...	11	30	86	15	...	...	...	4	100	54	...	47
	63 Persons following no occupations—Female	54	3	767	...	13	73	521	19	...	...	2	25	310	147	311	22
	64 Persons following no occupations—Children	570	630	857	...	16	76	674	14	...	15	1	14	1,096	529	...	...
	Total ...	1,026	653	5,361	...	111	331	2,706	255	...	15	3	95	2,007	1,177	360	89

DISEASE and OCCUPATION in 1908.—*concluded.*

						LOCAL DISEASES.												INJURIES.					
									RESPIRATORY SYSTEM.									GENERAL.					
Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of Lungs including other Tubercular diseases.	Other General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still Born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	Total.
...	...	2	...	3	4	1	...	1	13	15	10	...	2	...	...	1	1	...	...	...	...	...	102
...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6
1	...	...	1	3	5	4	...	5	9	16	8	...	1	2	...	1	1	...	3	2	2	...	88
...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	1	1	2	1	...	1	2	6	1	...	...	...	...	...	1	...	1	...	...	...	30
...	...	3	7	6	6	5	...	4	21	51	14	...	2	...	...	2	...	1	1	...	1	2	255
...	...	...	12	2	7	5	...	5	13	55	9	1	2	...	...	1	...	...	5	4	2	...	257
...	...	...	1	...	2	...	...	1	1	5	2	...	...	...	...	...	...	...	...	...	...	...	17
...	...	2	8	3	3	2	...	...	15	62	6	...	...	...	...	...	...	1	2	...	1	...	202
1	...	...	4	3	6	2	...	1	13	51	8	...	1	...	...	...	...	...	2	2	1	...	169
...	...	...	2	...	...	...	...	...	2	5	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	1	7	2	4	4	...	1	14	22	5	...	1	...	...	1	...	...	5	1	...	...	124
...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	...	3	5	11	3	...	1	22	44	12	...	2	1	...	...	...	...	1	...	2	...	186
...	...	...	2	1	5	...	...	...	8	20	2	...	...	...	...	...	...	1	...	2	...	...	64
2	...	1	10	7	5	7	...	5	10	26	3	...	6	1	...	1	1	1	1	...	1	...	175
...	...	1	1	...	...	...	...	...	...	4	1	...	...	...	...	...	...	...	...	1	...	...	13
...	...	11	46	22	16	10	1	20	55	168	31	1	13	2	...	8	...	...	6	1	...	...	765
...	...	...	35	39	54	9	1	16	116	449	38	2	10	9	...	13	...	19	55	41	8	2	2,922
1	...	1	8	13	18	7	...	5	35	90	7	2	1	...	...	2	...	1	2	...	1	...	557
2	...	...	14	8	19	14	...	8	51	121	19	...	5	...	...	3	1	...	6	3	...	1	651
...	...	...	22	6	11	1	...	2	28	136	10	1	5	2	...	2	...	3	1	3	...	2	487
...	...	...	10	...	...	2	...	3	1	14	1	1	1	...	...	...	1	...	...	...	...	...	50
1	...	...	28	...	3	10	...	2	3	25	4	...	...	...	...	2	...	...	...	...	...	...	101
1	...	...	48	34	27	12	...	13	65	144	10	...	6	...	...	2	...	2	45	6	...	11	691
...	...	...	...	5	4	2	...	3	14	19	6	...	...	1	...	2	...	2	...	2	...	...	151
...	...	2	...	1	...	...	...	1	...	3	1	...	...	...	...	...	...	...	...	...	...	...	10
...	...	...	59	14	10	5	...	9	20	81	5	...	9	...	...	5	...	...	92	2	1	2	493
6	...	8	493	52	72	68	3	29	84	314	37	2	26	3	...	8	5	31	86	13	7	9	1,911
28	...	70	985	251	358	167	...	75	1,017	1,419	160	5	94	115	...	32	3	14	59	15	13	5	7,152
...	179	2,930	...	63	1,040	1,634	2	7	164	4,302	447	5	15	3	...	15	4	23	45	13	3	4	15,390
51	179	3,054	1,991	636	1,894	2,033	7	330	2,387	8,954	1,099	22	254	152	1,918	120	19	122	488	141	57	42	30,271

TABLE showing the Number of DEATHS by Race, Age, and Sex in 1908.

RACES.	Ages.																					
	1 to 30 days.		1 to 6 months.		7 to 12 months.		1 to 2 years.		2 to 3 years.		3 to 4 years.		4 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.		20 to 25 years.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	33	26	42	40	49	50	32	28	6	18	3	6	4	9	14	19	48	26	87	68	73	43
Brahmins	46	37	45	38	41	45	47	30	15	15	5	8	2	9	13	15	25	24	86	68	93	61
Lingaits	10	10	9	2	6	7	5	5	...	1	3	...	2	1	3	5	1	6	4	6	8	7
Bhatias	10	13	18	6	10	15	7	6	3	2	3	...	1	2	2	3	3	11	6	18	14	8
Hindus of Other Castes ...	885	674	612	603	723	812	515	534	210	250	112	129	82	83	364	368	490	386	966	677	1,073	625
Hindus, Low Castes	286	260	262	194	293	270	174	190	61	93	39	38	23	25	84	103	78	65	138	131	179	115
Mussalmans	276	229	343	312	326	305	280	255	125	134	63	81	60	51	147	200	188	228	292	370	402	386
Parsees	35	47	40	34	81	49	66	54	11	11	9	6	5	2	11	12	14	23	25	33	25	25
Jews...	11	7	9	5	9	3	7	4	2	3	2	1	...	1	...	4	4	6	2	8	4	6
Native Christians	84	77	82	82	39	29	18	17	12	12	6	4	3	3	14	22	31	27	78	69	86	54
Eurasians	2	6	6	5	8	4	3	2	...	...	...	...	1	...	2	...	2	2	4	5	11	1
Europeans	4	5	9	7	11	5	5	6	1	3	4	...	1	...	3	...	4	2	5	2	10	4
Negro Africans	...	...	2	...	1	...	...	...	...	2	...	...	...	1	...	...	...	...	1	2	2	1
Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Other and Unknown Castes...	3	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
All Castes. Males ...	1,685	...	1,479	...	1,597	...	1,159	...	446	...	249	...	184	...	657	...	888	...	1,694	...	1,981	...
All Castes. Females ...	...	1,393	...	1,328	...	1,595	...	1,131	...	544	...	273	...	187	...	751	...	806	...	1,458	...	1,336
All Castes. Persons ...	3,078		2,807		3,192		2,290		990		522		371		1,408		1,694		3,152		3,317	

29—*concluded.*

TABLE showing the Number of DEATHS by Race, Age, and Sex in 1908—*concluded.*

RACES.	AGES—*concld.*																				
	25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.		45 to 50 years.		50 to 55 years.		55 to 60 years.		60 and Over.		Unspecified Age.		All Ages.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Persons.
Jains	66	32	55	7	50	16	32	12	39	12	31	6	29	19	56	35	...	...	749	472	1,221
Brahmins	69	37	35	32	48	15	43	10	43	13	28	13	29	23	58	53	...	...	771	546	1,317
Lingaits	9	4	1	3	4	3	3	...	1	3	...	1	4	4	4	7	...	...	77	75	152
Bhatias	10	10	13	7	15	5	11	11	5	3	11	4	12	15	19	35	...	...	173	174	347
Hindus of Other Castes	1,078	568	748	351	669	302	321	138	462	235	172	97	403	348	586	628	3	...	10,474	7,808	18,282
Hindus, Low Castes	165	127	105	69	119	79	45	19	85	62	16	15	110	85	93	111	...	...	2,355	2,051	4,406
Mussalmans	423	325	300	169	393	189	183	64	304	133	130	47	369	174	531	389	5	...	5,140	4,041	9,181
Parsees	36	29	23	24	41	38	36	16	41	22	44	23	33	34	129	141	...	...	705	623	1,328
Jews	5	6	3	5	4	2	1	...	1	2	3	2	4	3	11	17	...	...	82	85	167
Native Christians...	64	43	54	32	67	29	36	13	42	27	24	13	47	13	62	39	...	...	849	605	1,454
Eurasians	5	8	6	3	5	3	7	2	8	2	3	2	2	3	3	9	...	...	78	57	135
Europeans...	26	5	22	5	13	10	4	2	10	6	10	3	5	2	14	5	...	...	161	72	233
Negro Africans	7	1	1	...	3	1	1	...	2	1	...	...	1	2	2	1	...	...	23	12	35
Buddhists	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3
Other and Unknown Castes ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	7	3	10
All Castes. Males	1,963	...	1,367	...	1,432	...	723	...	1,043	...	472	...	1,048	...	1,568	...	10	...	21,645	...	...
All Castes. Females	...	1,196	...	707	...	692	...	287	...	521	...	226	...	725	...	1,470	...	...	...	16,626	38,271
All Castes. Persons	3,159		2,074		2,124		1,010		1,564		698		1,773		3,038		10		.....		

TABLE showing the Rate of Mortality per 1,000 of Population from the following Death Causes by Races in 1908,

Castes of Races.	Small-pox.	Measles.	Plague.	Fevers.	Enteric	Malaria.	Ague.	Relapsing.	Cholera.	Diarrhœa.	Dysentery.	Phthisis.	Other Respiratory Diseases	Accidents.	All Other Causes.	All Causes.
Hindus...	·94	·63	5·96	3·32	·04	·29	2·72	·26	·11	1·82	1·21	2·09	8·72	·69	10·89	36·42
Mussalmans	1·33	1·04	5·21	4·04	·07	·39	3·20	·37	·02	2·53	1·39	4·54	13·38	1·42	19·68	51·63
Parsees	·16	·30	2·02	2·94	·59	·36	1·98	...	·08	2·06	·53	1·08	4·42	·55	13·00	27·19
Jews	·37	·55	·55	2·04	...	·37	1·67	...	...	·74	1·49	1·30	7·26	·55	16·21	31·11
Native Christians	3·77	·13	5·16	5·29	·36	·69	4·03	·19	·23	5·12	1·19	2·31	7·57	·92	16·37	48·10
Eurasians	·25	·25	2·30	3·06	1·02	1·02	1·02	...	...	4·09	·76	1·53	6·13	·25	15·85	34·51
Europeans	·69	·20	·13	2·71	1·39	1·04	·27	...	...	1·11	·90	·41	1·73	1·11	7·16	16·20
Negro Africans*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buddhists	...	...	...	10·56	3·52	...	7·04	...	...	...	...	...	...	...	...	10·56
Other and Unknown...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1·04	·63	5·48	3·48	·11	·33	2·76	·26	·09	2·05	1·20	2·44	9·15	·82	6·53	39·13

*Negro Africans are included in Mussalmans.

TABLE showing the Population and the Number of Births and Birth-rate by Section and Sex in 1908.

Ward.	SECTIONS.	Population according to the Census of 1906.					Births.					
		Males.	Females.	Persons.	Number of persons under 1 year.	Number of persons of 1 year and under 5 years.	Number of Children born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of males to every 100 female births.	Number of still-born.
A	Upper Colaba	2,808	921	3,775	1,130	1,317	90	55	35	23·84	157·14	6
	Middle and Lower Colaba	10,064	5,246	15,310	237	1,038	249	123	126	16·26	97·61	31
	Fort, South	3,170	774	3,944	75	211	20	9	11	5·07	81·81	7
	Fort, North	17,269	11,509	28,778	372	1,963	568	282	286	19·73	98·60	51
	Esplanade	7,747	3,268	11,015	252	765	160	92	68	14·52	135·29	35
B	Mandvi	23,211	14,947	38,158	530	2,443	523	263	260	13·70	101·15	55
	Chukla	18,882	10,480	29,362	422	2,192	527	265	262	17·94	101·14	56
	Umarkhadi	32,261	21,349	53,610	882	4,195	943	497	446	17·59	111·43	169
	Dongri	17,427	15,236	32,663	558	2,947	695	352	343	21·27	102·62	87
C	Market	24,534	10,771	35,305	440	2,045	382	188	194	10·81	96·90	36
	Dhobi Talao	22,778	13,816	36,594	665	2,563	678	354	324	18·52	109·25	74
	Fanaswadi	18,533	10,707	29,240	498	2,108	424	216	208	14·50	103·84	46
	Bhuleshwar	25,086	13,043	38,129	502	2,473	510	273	237	13·37	115·18	58
	Khara Talao	16,906	10,029	26,935	490	1,924	563	297	266	20·90	111·65	50
	Kumbharwada	20,738	12,046	32,784	485	2,229	595	324	271	18·14	119·55	48
D	Khetwadi	20,968	12,611	33,579	503	2,257	610	313	297	18·16	105·38	64
	Girgaum	17,388	11,061	28,449	436	2,210	443	248	195	15·57	127·17	64
	Chowpati...	7,765	5,268	13,033	202	998	189	104	85	14·50	122·35	18
	Walkeshwar	8,418	4,237	12,685	173	925	152	73	79	11·98	92·40	10
	Mahalaxmi	15,199	9,451	24,650	341	1,688	472	225	247	19·14	91·09	46
E	Mazagaon...	18,481	12,391	30,872	317	1,994	936	479	457	30·31	104·81	83
	Tarwadi	16,439	9,839	26,278	400	1,925	794	394	400	30·21	98·50	56
	2nd Nagpada	13,102	8,914	22,016	318	1,942	556	301	255	25·25	118·03	51
	Kamathipura	21,109	15,375	36,484	494	2,630	933	483	450	25·57	107·33	89
	Tardeo	16,352	11,841	28,193	424	2,023	734	376	358	26·03	105·02	44
	Byculla	47,846	28,434	76,280	1,397		2,549	1,202	1,347	33·41	89·23	211
	1st Nagpada	2,237	1,098	3,335	34	7,536 196	81	40	41	24·28	97·56	9
F	Parel	28,774	18,186	46,960	777	3,185	995	510	485	21·18	105·15	79
	Sewri	9,655	6,330	15,985	452	1,427	360	182	178	22·52	102·24	30
	Sion	18,225	12,290	30,515	572	2,803	751	400	351	24·61	113·96	57
G	Mahim	18,203	12,975	31,178	706	3,040	845	446	399	27·10	111·77	48
	Worli	41,754	27,734	69,488	1,065	5,122	1,837	990	847	26·43	116·88	147
	Harbour, Docks, Railways and Homeless	29,606	2,634	32,240	205	688	2	1	1	·06	99·99	3
	Total ...	612,935	364,811	977,822	16,354	73,102	20,166	10,357	9,809	20·62	105·58	1,918

TABLE showing Still-born by Race and Month in 1908.

MALES.

MONTHS.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.
January ...	2	2	...	1	38	13	22	2	1	1	...	...	...	...	6	88
February ...	2	...	...	1	29	7	30	1	...	5	...	...	...	...	1	76
March ...	1	1	...	...	42	18	21	5	...	1	...	...	...	...	2	91
April ...	1	1	...	...	37	17	16	1	...	5	...	...	...	...	2	80
May ...	1	1	...	1	35	20	24	3	1	2	...	...	...	...	2	90
June ...	...	3	...	1	29	19	12	1	...	2	...	2	...	...	4	73
July ...	5	2	...	1	42	11	16	6	1	2	...	1	...	...	1	88
August ...	2	...	...	1	55	21	19	2	2	8	...	...	...	...	5	115
September ...	2	4	2	...	50	16	19	2	...	4	1	1	...	...	2	103
October ...	3	4	...	...	50	18	29	1	1	3	2	...	...	...	1	112
November ...	...	2	1	1	44	11	25	8	1	...	1	2	...	...	2	98
December ...	...	2	...	...	49	12	27	7	1	2	3	...	...	...	3	106
Total ...	19	22	3	7	500	183	260	39	8	35	7	6	...	...	31	1,120

FEMALES.

MONTHS.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.
January ...	...	2	1	...	26	10	24	5	...	2	...	...	...	...	2	72
February ...	...	3	...	...	24	11	12	...	1	...	...	1	...	...	1	53
March ...	1	1	...	1	28	12	15	2	1	1	...	...	...	...	9	71
April ...	...	...	...	...	24	10	11	3	...	3	1	...	1	...	...	53
May ...	1	2	...	...	25	8	6	...	1	3	...	...	...	...	2	48
June ...	2	2	...	...	25	10	10	2	...	...	...	...	...	...	1	52
July ...	2	1	...	...	24	21	12	2	...	1	1	...	...	...	1	65
August ...	...	6	...	1	31	14	11	...	1	1	...	1	...	...	4	70
September ...	2	4	...	1	32	16	14	1	...	2	...	4	...	...	1	77
October ...	2	1	1	...	32	17	36	5	1	5	...	...	...	...	3	93
November ...	3	4	...	1	38	13	12	3	...	3	...	...	...	...	1	78
December ...	2	3	1	1	31	9	13	...	...	4	...	...	...	...	2	66
Total ...	15	39	8	5	340	151	166	33	5	35	2	6	1	...	27	798

PERSONS.

MONTHS.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.
January ...	2	4	1	1	64	23	46	7	1	3	...	...	...	...	8	160
February ...	2	3	...	1	53	18	42	1	1	5	...	1	...	...	2	129
March ...	2	2	...	1	70	30	36	7	1	2	...	...	...	...	11	162
April ...	1	1	...	...	61	27	27	4	...	8	1	...	1	...	2	133
May ...	2	3	...	1	60	28	30	3	2	5	...	...	...	...	4	138
June ...	2	5	...	1	54	29	22	3	...	2	...	2	...	...	5	125
July ...	7	3	...	1	66	32	28	6	1	3	1	1	...	...	2	153
August ...	2	6	...	2	86	35	30	2	3	9	...	1	...	...	9	185
September ...	4	8	2	1	82	32	33	3	...	6	1	5	...	...	3	180
October ...	5	5	1	...	82	35	55	6	2	8	2	...	...	...	4	205
November ...	3	6	1	2	82	24	37	11	1	3	1	2	...	...	3	176
December ...	2	5	1	1	80	21	40	7	1	6	3	...	...	...	5	172
Total ...	34	51	6	12	840	334	426	63	13	60	9	12	1	...	58	1,918

TABLE showing the Number of Still-born by Section and Month in 1908.

MONTHS.	A					B				C						D					E							F			G			
	Upper Colaba.	Middle and Lower Colaba.	Fort, South.	Fort, North.	Esplanade.	Mandvi.	Chukla.	Umerkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Kharatalao.	Khumbharwada.	Khetwadi.	Girgaum.	Chawpati.	Walkeshwar.	Mahalakshmi	Mazagaon.	Tarwadi.	2nd Nagpada.	Khamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Harbour and Docks, Railways and Homeless.	TOTAL.
January ...	...	...	...	3	...	3	11	12	10	...	4	2	6	3	2	9	3	2	2	2	8	4	6	5	3	25	...	4	6	4	6	15	...	160
February ...	...	2	1	3	3	4	1	22	9	3	7	2	...	4	3	1	1	2	...	5	3	5	4	4	1	17	1	7	...	4	2	8	...	129
March ...	2	5	...	3	2	2	3	10	5	5	6	5	8	4	8	2	4	...	...	4	9	6	5	14	6	14	1	6	2	7	2	11	...	162
April ...	...	4	1	4	2	...	3	12	3	2	5	1	2	4	3	2	6	1	2	3	6	2	3	8	5	9	2	7	1	8	7	16	1	133
May ...	...	4	...	2	2	2	3	15	10	2	8	4	3	2	2	7	2	...	...	5	8	3	1	5	5	15	1	7	3	5	4	8	...	138
June ..	1	3	...	3	2	5	5	12	3	2	6	3	3	3	2	5	4	1	1	7	6	2	4	5	4	11	...	2	1	4	5	10	...	125
July ...	...	4	2	4	2	4	7	12	7	4	3	4	5	5	2	3	8	2	...	...	8	4	7	9	1	15	...	9	2	4	2	14	...	153
August ..	...	...	..	4	5	8	2	7	9	5	12	6	8	10	5	6	10	1	...	3	8	5	6	6	4	22	1	6	2	7	4	13	...	185
September.	...	1	2	5	3	8	4	14	9	...	7	3	5	4	5	8	7	1	2	5	7	6	5	11	6	22	...	6	...	6	5	11	2	180
October ...	...	2	...	9	8	11	9	26	7	3	7	10	3	3	7	6	8	2	2	5	3	5	3	13	3	23	...	4	1	5	6	11	...	205
November..	1	3	1	5	1	6	5	11	9	3	3	3	10	3	3	9	5	...	...	3	11	8	4	3	5	18	1	10	9	3	3	17	...	176
December..	2	3	...	6	5	1	3	16	6	7	6	3	5	5	6	6	6	6	1	4	6	6	3	6	1	20	2	11	3	2	2	13	...	172
Total ...	6	31	7	51	35	55	56	169	87	36	74	46	58	50	48	64	64	18	10	46	83	56	51	89	44	211	9	79	30	57	48	147	3	1,918

TABLE showing the number of DEATHS from Principal Causes in different Hospitals in 1908.

HOSPITALS.	GENERAL DISEASES.																						LOCAL DISEASES.																							
	Still-born.		Small-pox.		Measles.		Plague.		Fevers.		Cholera.		Diarrhœa and Dysentery.		Puerperal Septicæmia.		Leprosy.		Premature Birth.		Other general Diseases		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases		Injuries		Unspecified Causes.		Total.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.
Adams Wylie Hospital...	...	...	...	...	...	...	...	...	4	1	...	...	20	5	...	...	...	...	...	...	9	4	...	...	1	...	28	9	9	...	2	...	1	...	...	...	3	...	1	...	...	...	78	19	97
Arthur Road Hospital ...	...	...	199	58	2	1	4	1	58	7	8	1	11	2	...	1	...	...	...	...	14	5	2	1	...	...	2	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	306	78	384
Bai Motlabai Hospital ...	78	58	1	1	...	...	...	...	1	4	...	...	41	60	...	11	...	...	23	21	3	23	8	4	1	3	...	1	8	8	5	11	3	2	...	8	...	...	4	4	...	...	98	161	259
Cama Hospital	59	58	...	...	...	...	...	1	1	7	...	...	1	3	...	4	...	...	16	12	15	28	3	7	...	9	2	17	2	9	1	5	...	5	...	7	...	1	...	...	...	...	41	115	156
Colaba Lunatic Asylum...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	2	1	2	1	...	...	...	...	2	1	...	1	...	1	...	1	...	...	1	...	...	...	9	7	16
Colaba Station Hospital...	...	1	...	...	...	1	...	...	3	...	...	...	3	2	...	...	...	...	2	...	4	3	5	...	1	...	1	2	1	2	4	...	...	1	...	1	...	...	...	...	...	...	24	12	36
Dr. Massina's Hospital...	11	7	...	...	...	...	...	...	3	...	...	...	2	...	...	...	...	...	8	3	12	11	...	...	1	...	...	...	2	5	7	3	...	4	...	2	3	1	...	1	...	...	38	30	68
Goculdas Tejpal Hospital.	...	...	...	...	...	...	5	...	9	2	...	...	72	6	...	...	...	...	...	...	87	18	10	2	7	2	17	2	48	9	13	1	9	1	2	1	7	1	90	18	...	...	376	63	439
J. J. Hospital	1	...	...	...	...	...	6	...	70	10	...	...	113	14	...	...	...	1	...	...	193	77	29	11	30	3	72	36	166	25	73	9	27	8	4	2	30	6	116	32	...	...	929	234	1,163
Matunga Leper Asylum..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47	16	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	17	65
Maratha Hospital	1	1	...	...	...	...	253	81	31	3	2	1	1	1	...	...	...	...	...	...	2	1	1	...	...	...	1	...	7	2	...	...	...	...	...	...	...	...	...	...	...	...	401	89	490
Modikhana Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parsee Hospital	...	...	...	...	...	...	11	14	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	14	26
Parsee Lying-in Hospital.	15	10	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	2	7	3	9	...	1	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	5	23	28
Police Hospital	...	...	...	...	...	...	6	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	5	...	2	...	...	...	...	...	...	...	...	...	...	...	17	1	18
St. John's Hospital ...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	3	5	8
St. Joseph's Foundling Hospital.	1	...	...	...	...	...	...	...	8	17	...	...	4	7	...	...	...	...	...	...	14	17	4	2	...	...	...	...	2	1	4	4	...	...	...	...	...	...	...	...	...	...	46	48	94
St. George's Hospital ...	7	3	9	...	1	...	4	...	26	9	...	...	11	5	...	...	...	...	1	2	18	14	7	3	3	4	7	1	23	8	12	3	1	1	1	1	1	...	2	1	...	...	127	52	179
2nd Bombay Grenadiers' Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
21st Bombay Infantry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
33rd Bombay Infantry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
116th Bombay Infantry Hospital.	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
116th Bombay Infantry Hospital.	...	...	...	...	...	...	...	1	3	1	...	...	1	...	...	...	...	...	...	...	1	...	1	1	1	...	...	...	2	2	1	1	...	...	...	...	...	...	...	...	...	...	10	6	16
Ayurvedic Dispensary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
TOTAL... Males ...	175	...	209	...	3	...	392	...	229	...	11	...	284	...	...	...	47	...	52	...	379	...	72	...	47	...	130	...	287	...	124	...	42	...	7	...	44	...	214	...	...	...	2,573	...	...
TOTAL... Females...	...	138	...	59	...	2	...	99	...	64	...	2	...	106	...	16	...	17	...	45	...	214	...	33	...	22	...	71	...	75	...	38	...	23	...	24	...	9	...	56	...	...	...	975	...
TOTAL... Persons ...	313		268		5		491		293		13		390		16		64		97		593		105		69		201		362		162		65		31		53		270		...		...		3,548

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TABLE showing the Number of Plague Deaths by Street and Race during 1908.

Locality.				Races.															
Ward.	Section.	STREETS.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Upper Colaba.																	
A		Upper Colaba...	3,775	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil.
		Middle and Lower Colaba.																	
A	Middle and Lower Colaba.	Arthur Bunder Road... ...	15,310	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	3
		Apollo Reclamation		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Bohra Street		...	...	...	...	8	2	...	...	...	...	...	...	...	...	...	10
		Colaba Causeway		...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	4
		Colaba Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Grants Buildings		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Gun Carriage Street... ...		...	...	...	...	9	...	2	...	...	...	...	...	...	...	...	11
		Hamal Lane		...	1	...	...	9	...	2	...	...	...	...	...	...	...	...	12
		Koli, 1st Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Koli, 2nd Lane		...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	4
		Koli, 4th Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Maneckji Street		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Naoroji Street		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Pestonji Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Thomas Road...		1	...	...	...	7	2	...	...	...	...	...	...	...	...	...	10
		Victoria Bunder		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		No Fixed Place of Residence...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Fort, South.																	
A	Fort South.	Apollo Street	3,944	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Apollo Pier Road		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Bell Lane		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Bank Street		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		British Hotel Lane		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Dalal Street		...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	3
		Forbes Street		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		Hamum Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Military Square Lane... ...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Tamarind Lane		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Fort North.																	
A	Fort, North.	Bomanji Lane...	28,778	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Bazar Gate Street		4	1	...	...	4	...	...	4	...	1	...	...	...	...	...	14
		Bhoiwar Lane		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Bohra Bazar Street		2	2	...	1	8	...	...	4	...	...	...	...	...	...	...	17
		Cawasji Patel Street		...	...	...	...	5	...	...	8	...	...	...	...	...	...	...	13
		Calicut Street		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Chana Street		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Frere Road		1	...	...	...	4	...	1	2	...	...	...	...	...	...	...	8
		Goa Street		1	...	...	...	3	1	1	...	...	...	...	...	...	...	...	6
		Gola Lane		...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
		Gogha Street		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Gunbow Street		...	...	...	...	1	...	1	2	...	...	...	...	...	...	...	4
		Hornby Road		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Karwar Street		...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		Manordass Street		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Maruty Street...		...	...	...	...	8	...	...	3	...	...	...	...	...	...	...	11
		Mangesh Senoi Street ...		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Mint Road		...	...	...	1	4	...	...	...	...	...	...	...	...	...	...	5
		Mody Street		...	...	...	...	5	...	3	2	...	...	...	...	...	...	...	10
		Police Court Lane		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Pitha Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Parsi Bazaar Street		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Parsi Panchayat Lane ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Raghunath Dadaji Street ...		...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.			Population by Census of 1906.	Races.															
Ward.	Section.	STREETS.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Esplanade.																	
A	Esplanade.	Carnac Road	11,015	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Cruickshank Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		G.I.P. Ry. Compound ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Hornby Road		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		Infantry Hospital (Marine Lines)		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Jamnagar Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Marine Lines		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		New Dock Compound: Huts...		...	...	...	...	3	7	3	...	...	...	...	...	...	...	...	13
		Paltan Road		...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	3
		Queens Road		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		No fixed place		...	...	...	...	2	...	2	...	...	1	...	...	...	...	...	5
		Wodehouse Bridge Road, Govt. Peons Camp		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mandvi.																	
B	Mandvi.	Ahmedabad Street	38,158	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Argyle Road		...	...	...	...	7	9	...	...	...	...	...	...	...	...	...	16
		Argyle Cross Lane		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		Bhandari Street		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Bhandoop Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Broach Street		...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	6
		Baroda Street...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Carnac Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Chinch Bander Road ...		1	...	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Chinch Bander Cross Lane...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Chakla Street...		1	...	...	...	1	3	6	...	...	...	...	...	...	...	...	11
		Chakla Cross Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Chambargalli Cross Lane ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Clive Road		3	1	...	...	5	2	...	...	...	...	...	...	...	...	...	11
		Daryasthan Street		1	1	...	...	4	...	...	...	...	...	...	...	...	...	...	6
		De'Souza Street		1	3	...	...	14	2	...	...	...	...	...	...	...	...	...	20
		De'Souza Cross Lane... ...		...	...	...	...	1	4	...	...	...	...	...	...	...	...	...	5
		Dongri Street...		3	8	2	...	9	10	...	...	...	...	...	...	...	...	...	32
		Dontad Cross Lane		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Isaji Street		...	...	...	1	7	4	...	...	...	...	...	...	...	...	...	12
		Israel Moholla		...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Jambli Street...		...	2	...	...	5	1	...	...	...	...	...	...	...	...	...	8
		Jambli Cross Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Janjikar Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Khadak Street		...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3
		Koliwada 1st Lane		...	...	...	...	...	2	1	1	...	...	...	...	...	...	...	4
		Koliwada 2nd Lane		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Koliwada 3rd Lane		...	...	...	...	...	3	1	...	...	...	...	...	...	...	...	4
		Koliwada 4th Lane		...	...	1	...	...	3	...	...	...	...	...	...	...	...	...	4
		Kazi Sayed Street		...	...	1	...	...	3	...	...	...	...	...	...	...	...	...	4
		Kumbharwada Cross Lane ...		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Masjid Bander Road ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Masjid Siding Road		...	1	...	...	5	3	...	...	...	...	...	...	...	...	...	9
		Masjid Station Road		...	...	...	...	3	4	1	...	...	...	...	...	...	...	...	8
		Old Bengalpura Street ...		...	...	...	...	2	5	...	...	...	...	...	...	...	...	...	7
		Pydhowni Road		...	...	...	...	...	5	1	...	...	...	...	...	...	...	...	6
		Samuel 1st Street		...	1	...	2	...	1	...	...	...	...	...	...	...	...	...	4
		Samuel 2nd Street		...	2	...	1	1	...	2	...	...	...	...	...	...	...	...	6
		Sayed Mukri Street		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Surat Street		...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	5
		Chakla.																	
B	Chakla.	Abdool Rehman Street ...	29,362	...	...	...	...	2	2	6	1	...	...	...	...	...	...	...	11
		Bhajipala Street		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Bibijan Street		...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	4
		Chakla Street...		1	...	...	...	1	...	3	...	...	...	...	...	...	...	...	5
		Carnac Road...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Dhobi Street		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Huseinkhan Khalifa Street ...		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Jakeria Masjid Road... ...		...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7
		Janjikar Street		...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	4

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Races.															
Wards.	Sections.	STREETS.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Chakla—*contd.*																	
B	Chakla.	Kolsa Street...	29,362	...	1	...	...	4	1	...	...	...	...	...	...	...	...	...	6
		Kolsa Cross Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kambekar Street		...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5
		Memonwada Road		1	1	...	...	4	1	21	...	...	...	...	...	...	...	...	28
		Masjid Bunder Road... ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Nakhoda Street		2	...	...	...	2	1	1	...	...	...	...	...	...	...	...	6
		Narayan Dhuru Street ...		2	1	...	...	3	5	8	...	...	...	...	...	...	...	...	19
		Narayan Dhuru 2nd Street ...		...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		Nagdevi Street		...	...	...	1	6	10	18	...	...	...	...	...	...	...	...	35
		Nagdevi Cross Lane		...	...	...	...	9	3	...	...	...	...	...	...	...	...	...	12
		Pinjari Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Sarang Street...		...	...	...	...	...	...	18	...	...	...	...	...	...	...	...	18
		Tava Lane		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Umarkhadi.																	
B	Umarkhadi.	Bhendi Bazar, Parel Road ...	53,610	...	...	...	7	10	2	6	...	...	...	...	...	...	...	...	25
		Babula Tank Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chuna Bhatty Street ...		...	...	...	7	9	2	5	...	...	...	...	...	...	...	...	23
		Chinch Bunder Road ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		1st Chinch Bunder Road ...		...	...	...	1	2	...	2	...	...	...	...	...	...	...	...	5
		Dongri Road		...	...	...	5	...	...	3	...	...	...	...	...	...	...	...	8
		Imamwada Road		...	...	...	...	6	...	15	...	...	...	...	...	...	...	...	21
		Jakeria Masjid Street ...		...	...	...	...	1	...	14	...	...	...	...	...	...	...	...	15
		Jail Road East.		...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	3
		Jail Road North		...	...	...	...	1	2	3	...	...	...	...	...	...	...	...	6
		Jail Road South		...	...	...	...	2	...	3	...	...	...	...	...	...	...	...	5
		Jail Road South Cross Lane...		...	...	...	...	3	...	2	...	...	...	...	...	...	...	...	5
		Kambeker Street		...	...	...	1	...	...	25	...	...	...	...	...	...	...	...	26
		Memonwada Road		...	...	...	...	2	...	8	...	...	...	...	...	...	...	...	10
		Memonwada 2nd Cross Lane..		...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3
		Mahmedkhan Pakadi Street...		...	...	...	...	7	1	...	...	...	...	...	...	...	...	...	8
		Nagdevi Road...		...	...	...	...	2	...	13	...	...	...	...	...	...	...	...	15
		Nishanpada Road		...	...	...	6	4	...	17	...	...	...	...	...	...	...	...	27
		New Bengalpura Street ...		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Nishanpada Cross Road ...		...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	4
		Old Nagpada Road		...	...	...	...	1	...	7	...	...	...	...	...	...	...	...	8
		Piroo Lane		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Pathan Wadi		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Pydowni Road		...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5
		Samuel Street		...	...	...	...	1	...	3	...	...	...	...	...	1	...	...	5
		Teli Gully		...	1	...	...	3	...	1	...	...	...	...	...	...	...	...	5
		Tantanpura Street		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Tantanpura Cross Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tandel Street...		...	...	...	...	1	...	21	...	...	...	...	...	...	...	...	22
		Tandel Cross Street		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Umarkhadi Road		...	...	...	..	28	...	5	...	...	...	...	...	...	...	...	33
		Umarkhadi Cross Lane ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Umarkhadi 1st Cross Lane ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Umarkhadi 2nd Cross Lane...		...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2
		Umarkhadi Road side ...		...	...	...	...	1	..	...	...	...	...	1	...	...	...	...	2
		Dongri.																	
B	Dongri.	Argyle Road	32,663	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Chinch Bunder Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Chinch Bunder 1st Cross Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Chinch Bunder 2nd Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dongri Road		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Frere Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Jail Road East		...	...	...	...	11	...	2	...	1	...	...	1	...	...	...	15
		Jail Road South		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kalyan Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mahalaxmi Street		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		1st Nawroji Hill North Palm Street		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		1st Nawroji Hill North Street		...	...	...	...	35	...	...	...	...	...	...	...	...	...	...	35
		2nd Nawroji Hill North Street		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Races.															
Ward.	Section.	STREETS.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Dongri—*contd.*																	
B	Dongri.	1st Nawroji Hill North 1st Cross Lane	32,668	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		1st Nawroji Hill North 3rd Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		1st Nawroji Hill North 4th Cross Lane		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		1st Nawroji Hill South Street		...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	15
		2nd Nawroji Hill South Street		...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2
		Vandeker Street		...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	15
		Valpakharri Street		...	...	...	...	4	10	6	...	...	...	...	...	...	...	...	20
		Market.																	
B	Market.	Abdul Rehman Street ...	35,305	1	...	...	...	4	...	14	1	...	...	...	...	...	...	...	20
		Agiary 1st Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Carnac Road		...	...	...	...	5	1	1	...	...	1	...	...	...	...	...	8
		Carnac Cross Lane		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Champawadi		1	1	...	...	6	1	...	...	...	...	...	...	...	...	...	9
		Champawadi Cross Lane ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dhunji Street...		...	1	...	...	1	2	...	1	...	...	...	...	...	...	...	5
		Ganesh Wadi		1	1	...	...	6	1	1	...	...	...	...	...	...	...	...	10
		Kalbadevi Road		...	3	...	...	6	5	...	...	...	...	...	...	...	...	...	14
		Kitchen Garden		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Lohar Chawl		...	...	1	...	4	3	...	...	...	...	...	...	...	...	...	8
		Masjid Bunder Road... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mirza Street		...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3
		Mumbadevi Road		2	1	...	...	4	2	1	...	...	...	...	...	...	...	...	10
		New Hanuman Lane... ...		...	1	...	...	5	4	...	...	...	...	...	...	...	...	...	10
		Old Hanuman Lane		...	2	...	1	5	1	...	...	...	...	...	...	...	...	...	9
		Old Hanuman, 1st Cross Lane.		...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	4
		Old Hanuman, 2nd Cross Lane.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Oval Wadi		...	...	...	1	2	2	...	...	...	...	...	...	...	...	...	5
		Picket Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Sutar Chawl		2	3	...	...	5	2	4	...	...	...	...	...	...	...	...	16
		Shaik Memon Street... ...		...	3	...	1	4	7	4	...	...	...	...	...	...	...	...	19
		Shekadi Lane...		1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Tel Wadi		...	1	...	...	6	11	...	...	...	...	...	...	...	...	...	18
		Tak Wadi		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Vithalwadi		...	3	...	1	3	3	...	...	...	1	...	...	...	...	...	11
		Vithoba Lane...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dhobi Talao.																	
C	Dhobi Talao.	Cavel	36,594	1	10	...	4	28	...	...	...	...	15	...	...	...	...	...	58
		Chandanwadi		...	...	...	...	11	5	1	...	...	4	...	...	...	...	...	21
		Cheolwady		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dadishet Agairy Lane ...		...	...	...	...	2	1	...	2	...	...	...	...	...	...	...	5
		Dady Santook Lane ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Dhobi Talao 1st Lane ...		...	...	...	...	...	5	...	...	...	2	...	...	...	...	...	7
		Do. 2nd Lane ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Dhobi Talao 3rd Lane ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Dhuswady		...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	3
		Fish Market Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Girgaum Road		...	...	...	...	8	...	4	4	...	4	...	...	...	...	...	20
		Jambul Wadi		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Kalbadevi Road		...	12	1	4	16	1	...	...	...	...	...	...	...	...	...	34
		Kolbhat Street		...	1	...	1	20	...	...	3	...	...	...	...	...	...	...	25
		Kolbhat Wadi		...	2	...	...	19	...	...	...	...	...	...	...	...	...	...	21
		Lohar Street...		...	...	...	...	3	2	1	...	...	...	...	...	...	...	...	6
		Mahadeo Shanker Sett Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Marine Lane 1st		...	...	...	...	2	7	2	...	...	7	...	1	...	...	...	19
		Marine Lane 2nd		...	...	...	...	2	2	...	2	...	2	...	...	...	...	...	8
		Do. 3rd		...	...	...	...	...	1	...	4	...	...	...	...	...	...	...	5
		Do. 4th		...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	5
		Popat wadi		...	1	...	1	5	...	...	...	...	...	...	...	...	...	...	7
		Princess Street		...	...	...	...	5	...	...	1	...	1	...	...	...	...	...	7
		Queens Road		...	2	1	...	3	...	...	2	...	...	...	...	...	...	...	8
		Sonapur Street		...	...	...	...	15	3	6	1	...	3	...	...	...	...	...	28
		Trinity Street...		...	...	...	...	7	...	...	...	...	2	...	...	...	...	...	9
		Wellington Street		...	...	...	...	3	1	...	3	...	...	...	...	...	...	...	7

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Population by Census of 1906.	Races.															
Ward.	Section.	STREETS.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Fanaswadi.																		
C.	Fanaswadi.	Anant Wadi ...	...	29,240	...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	5
		Bhaskar Lane...	...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Bhuleshwar Road	...		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Cathedral Street	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Dhuswady ...	...		...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	3
		Dukar Wadi ...	...		...	...	...	...	1	...	...	...	...	7	...	...	...	...	...	8
		Dadishet A. Lane	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Fanaswadi Street	...		1	5	...	...	41	...	...	...	...	...	...	...	...	...	...	47
		Girgaum Road	...		...	5	...	...	29	...	...	2	...	1	...	...	...	...	...	37
		Karelwady ...	...		...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	3
		Kumbhar Tukda	...		...	2	...	...	4	...	...	...	...	...	...	...	...	...	...	6
		New Wadi ...	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Queens Road ...	...		...	2	...	...	8	1	...	...	...	...	...	...	...	...	...	11
		Sonapur Street	...		...	1	...	...	4	11	7	...	...	1	...	...	...	...	...	24
		Tadwadi ...	...		...	...	...	...	8	...	...	...	...	3	...	...	...	...	...	11
		Thakurdwar Road	...		...	1	...	...	20	...	1	2	...	...	...	...	...	...	...	24
		Zaobas Wadi ...	...		...	11	...	...	30	...	...	...	...	...	...	...	...	...	...	41
		Bhuleshwar.																		
C.	Bhuleshwar.	Bhoiwada 1st Lane ...	...	38,129	...	1	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Do. 2nd Lane ...	...		...	1	...	...	11	...	...	...	...	...	...	...	...	...	...	12
		Do. 3rd Lane ...	...		...	5	...	1	5	...	...	...	...	...	...	...	...	...	...	11
		3rd Bhoiwada Cross Lane	...		...	4	...	...	12	...	...	...	...	...	...	...	...	...	...	16
		Bhuleswar Road ...	...		...	7	...	...	6	...	...	...	...	...	...	...	...	...	...	13
		Cathedral Street ...	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Cawasji Patel Tank Road	...		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Dady Sett Agiary Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Girgaum Back Road...	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Hurgowan Desai's Kandori	...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Kalbadevi Road ...	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Kallian Kirparam's Wady	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Khanderao Wady ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kika Street ...	...		...	4	...	...	26	...	...	...	...	...	...	...	...	...	...	30
		Malharrao Wadi ...	...		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Maruti Lane ...	...		...	11	...	...	5	...	1	...	...	...	...	...	...	...	...	17
		Panjrapole Street ...	...		...	5	...	...	9	...	3	...	...	...	...	...	...	...	...	17
		1st Panjrapole Street	...		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		2nd Panjrapole Street	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		3rd Panjrapole Street	...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Panchayat Wadi ...	...		...	2	...	...	8	...	...	...	...	...	...	...	...	...	...	10
		1st Pophalwadi ...	...		...	3	...	...	4	...	...	...	...	...	...	...	...	...	...	7
		2nd do. ...	...		...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	5
		3rd do. ...	...		...	3	...	...	4	...	...	...	...	...	...	...	...	...	...	7
		Alli Umar Street ...	...		...	...	...	...	3	...	20	...	...	...	...	...	...	...	...	23
		Erskine Road ...	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Banian Road ...	...		1	2	...	...	14	...	1	...	...	...	...	...	...	...	...	18
		Bapoo Khote Street ...	...		...	1	...	...	18	...	3	...	...	...	...	...	...	...	...	22
		Bahara Street ...	...		...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	3
		Ghoghari Street ...	...		...	...	...	...	3	...	20	...	...	...	...	...	...	...	...	23
		1st Ghogari Cross Lane	...		...	...	...	...	...	1	11	...	...	...	...	...	...	...	...	12
		2nd Do. ...	...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Kazi Street ...	...		...	...	...	...	...	2	12	...	...	...	...	...	...	...	...	14
		Masjid Street ...	...		...	2	...	...	5	9	4	...	...	...	...	...	...	...	...	20
		Masjid Cross Lane ...	...		...	...	...	...	4	3	1	...	...	...	...	...	...	...	...	8
		Nizam Street ...	...		...	...	...	...	2	2	17	2	...	...	...	...	...	...	...	23
		Parel Road ...	...		...	...	...	...	4	2	4	...	...	...	...	...	...	...	...	10
		Khara Talao.																		
C.	Khara Talao.	Ardesar Dadi Street ...	...	26,935	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Agiari Street ...	...		...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	3
		Balu Street ...	...		...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7
		Bapty Road ...	...		...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	4
		Bhendi Bazar, Parel Road	...		...	...	...	...	4	...	7	...	...	...	...	...	...	...	...	11
		Chimna Butcher Street	...		...	...	...	...	...	7	10	...	...	...	...	...	...	...	...	17
		1st Cooper Street ...	...		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		2nd Do. ...	...		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Dhabu Street ...	...		...	...	...	...	1	2	14	...	...	...	...	...	...	...	...	17
		Dharamsey Street ...	...		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Do. Cross Lane	...		...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	4

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.			Population by Census of 1906.	Races.															
Ward.	Section.	STREETS.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Khara Talao—*contd.*																	
C	Khara Talao.	Doctor Street	26,935	...	...	...	...	3	3	9	...	...	...	...	...	...	...	...	15
		Duncan Road		...	...	...	...	8	8	5	...	...	...	...	...	...	...	...	21
		2nd Duncan, Cross Lane ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Erskine Road		...	...	...	...	3	2	2	1	...	...	...	...	...	...	...	8
		Grant Road		...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	3
		Guzar Street		...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	4
		Khara Talao Street		...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	3
		Khoja Street		1	3	...	...	23	8	1	...	...	...	...	...	...	...	...	36
		Mutton Street...		...	...	...	...	...	2	8	...	...	...	...	...	...	...	...	10
		Null Bazaar Street		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Pakmodia Street		...	...	...	...	6	...	10	...	...	...	...	...	...	...	...	16
		Yacub Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Kumbharwada.																	
C	Khumbharwada.	Ardesar Dadi Street	32,784	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bapty Road		...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3
		Bhandari Street		...	1	...	...	12	3	2	...	...	...	...	...	...	...	...	18
		Do. Cross Lane... ...		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		2nd Bhandari Cross Lane ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		1st Carpenter Street		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		2nd Do. do.		...	...	...	...	12	1	1	...	...	...	...	...	...	...	...	14
		Cowasji Patel Tank Road ...		...	2	...	...	7	1	1	...	...	...	...	...	...	...	...	11
		Duncan Road		...	...	...	...	13	1	3	...	...	...	...	...	...	...	...	17
		Durgadevi Street		...	...	...	...	7	2	...	...	...	...	...	...	...	...	...	9
		Falkland Road		...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	3
		Grant Road		...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	3
		Islampura		...	...	...	...	3	...	2	1	...	...	...	...	...	...	...	6
		Do. Cross Lane ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Kumbharwada Street ...		...	2	...	...	32	12	1	...	...	...	...	...	...	...	...	47
		Northbrook Street		...	1	...	...	29	3	...	...	...	...	...	...	...	...	...	33
		1st Pathan Street		...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	12
		2nd Do. do.		...	...	...	...	7	1	...	...	...	...	...	...	...	...	...	8
		Sindi Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Khetwadi Main Road... ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Khetwadi.																	
C	Khetwadi.	Ardesar Dadi Street	33,579	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Charni Road		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Chunam Kiln Road		...	1	...	...	2	...	1	...	...	...	...	...	...	...	...	4
		Falkland Road		...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	4
		1st Falkland, Cross Lane ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		2nd Do. do. ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		3rd Do. do. ...		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		4th Do. do. ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		5th Do. do. ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		6th Do. do. ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		7th Do. do. ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		8th Do. do. ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		9th Do. do. ...		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Girgaum Back Road		...	1	1	...	2	...	...	1	...	...	...	...	...	...	...	5
		Grant Road		...	1	...	...	8	...	4	1	...	...	...	...	...	...	...	14
		Khambata Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Khetwadi Back Road ...		...	1	2	1	4	...	1	1	...	1	...	...	...	...	...	11
		Do. Main Road... ...		...	...	...	...	6	...	1	...	...	...	...	...	...	...	...	7
		Do. 3rd Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Khetwadi 5th Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Do. 6th do.		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Do. 7th do.		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Do. 8th do.		...	...	...	...	7	2	...	...	...	...	...	...	...	...	...	9
		Do. 9th do.		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Do. 10th do.		...	...	...	...	5	...	1	...	...	...	...	...	...	...	...	6
		Parsiwada 2nd do.		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Trimbuk Parshram Street ...		...	...	...	...	10	2	1	...	...	...	...	...	...	...	...	13

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1907—*continued.*

Locality.				Population by Census of 1901.	Races.															
Ward.	Section.	Streets.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Girgaum.																		
D	Girgaum.	Akalkote Lane	... ...	28,449	...	...	...	...	2	...	...	...	...	6	...	...	...	...	...	8
		Borbhat Lane	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Charni Road	... ...		...	2	...	...	1	...	...	..	...	...	...	...	...	...	1	4
		Girgaum Road	... ...		...	3	1	...	9	...	...	...	...	2	...	...	...	...	...	15
		Do. Back Road	... ...		...	...	...	2	4	...	...	...	...	...	...	...	...	...	...	6
		Kakadwadi Lane	... ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Kandewadi Lane	... ...		...	4	2	2	5	...	...	...	...	...	...	...	...	...	...	13
		Kelewadi Lane	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Khattaralli Lane	... ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Khotachiwadi	... ...		...	1	...	...	4	...	...	...	...	1	...	...	...	...	...	6
		Mangalwadi	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mugbhat Street	... ...		...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	5
		Do. Cross Lane	... ...		...	1	...	...	18	...	...	...	...	...	...	...	...	...	...	19
		Nickdori Lane	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Ovalwadi Lane	... ...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Pimpalwadi	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Queen's Road	... ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Sadashiv Street	... ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Thakurdwar Road	... ...		...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	3
		Choupati.																		
D	Chowpati.	Bhatwadi 1st Lane	... ...	13,033	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 2nd Lane	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. Barki Sheri	... ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Benamhall Lane	... ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Chowpati Road	... ...		...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	4
		Dammer Lane	... ...		...	...	2	1	12	...	...	...	...	...	...	...	...	...	...	15
		French Road	... ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Do. Bridge Road	... ...		...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
		Girgaum Road	... ...		...	1	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Do. Back Road	... ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Gamdevi Road	... ...		...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
		Paper Mill Lane	... ...		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		Queen's Road	... ...		...	...	...	1	2	...	1	...	...	...	...	...	...	...	...	4
		Walkeshwar.																		
D	Walkeshwar.	Babulnath Road	... ...	12,685	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Banganga Temple Camp	...		...	8	...	2	6	...	...	...	...	...	...	...	...	...	...	16
		Dongersey Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Gibbs Road	... ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Govalia Tank Road	... ...		...	...	...	...	2	...	1	1	...	...	...	...	...	...	...	4
		Hughes Road	... ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Mount Pleasant Road	...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Narayen Dabholkar Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Napean Sea Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Pavai Road	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Ridge Road	... ...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Shidi Road	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Walkeshwar Road	... ...		...	1	2	3	12	...	...	...	...	...	...	...	...	...	...	18
		Wilderness Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Winter Road	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mahalaxmi.																		
E	Mahalaxmi.	Arthur Road	... ...	24,650	...	...	...	...	12	3	...	...	...	...	...	...	...	...	...	15
		Bellasis Road	... ...		...	...	...	...	5	2	2	...	...	...	...	...	...	...	...	9
		Tardeo Road	... ...		...	1	...	...	18	...	...	1	...	...	...	...	...	...	...	20
		Chikalwadi	... ...		...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	11
		Forjett Lane	... ...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Gowalia Tank Road	... ...		...	...	...	...	6	...	1	1	...	...	...	...	...	...	...	8
		Falkland Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Sleater Road	... ...		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Altamont Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Grant Road	... ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Warden Road	... ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Pedder Road	... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Purshotam Atmaram Street	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Mahalaxmi Temple Compound	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Population by Census of 1906.	Races.															
Wards.	Sections.	STREETS.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Mazagaon.																		
E	Mazagaon.	Albert Road ...	...	30,872	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Belvedere Road	...		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
		Bhundarwada ...	...		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		1st Carpenter Street ...	...		...	...	...	...	3	...	...	3	...	...	...	...	...	...	...	6
		2nd Carpenter Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Church Street...	...		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Copper Smith Street ...	...		...	1	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Chimnaji Ranagi Street	...		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Dolker Street ...	...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Dockyard Road	...		...	...	...	...	1	...	3	...	...	2	...	...	...	...	...	6
		DeLima Street	...		...	1	...	...	6	...	1	...	...	4	...	...	...	...	...	12
		Gunpowder Road	...		...	...	...	...	7	...	1	...	...	1	...	...	...	...	...	9
		Ghorupdeo Road	...		2	1	...	...	34	3	3	...	...	...	...	...	...	...	...	43
		Gungabowri Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Hospital Lane...	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Magazine Road	...		...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	6
		Mhatarpakhadi Road	...		3	...	...	...	47	1	2	...	...	10	...	...	...	...	...	63
		Mazagaon Road	...		...	...	...	...	5	3	...	...	...	...	...	...	...	...	...	8
		Mount Road ...	...		2	...	...	...	31	1	2	1	...	...	...	...	...	...	...	37
		Mujaverpakadi Road ...	...		...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	5
		Nawab Tank Road	...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Reay Road ...	...		...	...	...	...	12	3	1	...	...	1	...	...	...	...	...	17
		Ross Cottage Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tank Bunder Road	...		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		Victoria Road...	...		...	...	...	...	1	1	10	...	...	...	...	...	...	...	...	12
		Wari Bunder Road	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Tarwadi.																		
E	Tarwadi.	Byramji Hall Lane	...	26,278	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Babula Tank Road	...		...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	3
		Chincohpokli Road	...		...	...	...	...	19	2	1	...	...	...	...	...	...	...	...	22
		Connaught Road	...		2	1	...	...	7	...	1	...	...	1	...	...	...	...	...	12
		Ghorupdeo Road	...		...	...	...	...	38	...	1	...	...	...	...	...	...	...	...	39
		Hansraj Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kalachowki Road	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Love Lane ...	...		...	1	...	...	15	...	9	...	...	...	...	...	...	...	...	25
		Mazagaon Road	...		...	...	...	...	10	1	...	...	...	...	...	...	...	...	...	11
		Mount Road ...	...		...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	3
		Nesbit Lane ...	...		...	...	...	...	16	8	6	...	...	5	...	1	...	...	...	36
		Parel Road ...	...		1	2	...	...	24	5	3	1	...	...	...	...	...	...	...	36
		Sussex Road ...	...		...	...	...	...	8	...	1	...	...	...	...	...	...	...	...	9
		Victoria Road...	...		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		No fixed Residence	...		...	1	...	...	5	...	3	...	...	1	...	...	...	...	...	10
		2nd Nagpada.																		
E	2nd Nagpada.	Sk. Budan Street	...	22,016	...	...	...	...	2	1	5	...	...	...	...	...	...	...	...	8
		Bellasis Road	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Hozaria Street	...		...	...	...	...	2	2	11	...	...	...	...	...	...	...	...	15
		4th Peerkhan Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Duncan Road	...		...	...	...	...	9	7	4	...	...	...	...	...	...	...	...	20
		Temkar Street	...		...	...	...	...	1	...	17	...	...	...	...	...	...	...	...	18
		Grant Road ...	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Parel Road ...	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Tank Road ...	...		...	...	...	...	2	3	4	...	...	...	...	...	...	...	...	9
		Khandia Street	...		...	...	...	...	...	2	10	...	...	...	...	...	...	...	...	12
		Kazipoora ...	...		...	...	...	...	1	9	5	...	...	...	...	...	...	...	...	15
		Mustan Tank Road ...	...		...	1	...	...	...	1	2	...	...	...	...	...	...	...	...	4
		Undria Street	...		1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	3
		Mustan Tank Cross Lane	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Kamatipura.																		
E	Kamatipura.	Bapty Road ...	...	36,484	...	...	1	...	7	4	1	...	...	...	...	...	...	...	...	13
		Bazar Road ...	...		...	...	1	...	7	...	1	...	...	...	...	...	...	...	...	9
		5th Lane ...	...		...	...	...	...	10	1	7	...	...	...	...	...	...	...	...	18
		7th do. ...	...		...	...	1	...	6	1	1	...	...	...	...	...	...	...	...	9
		Suklaji Street	...		...	...	...	...	2	6	1	...	...	...	...	...	...	...	...	9
		15th Lane ...	...		...	...	...	...	5	1	...	...	...	...	...	...	...	...	...	6
		2nd do. ...	...		...	...	...	...	12	...	1	...	...	...	...	...	...	...	...	13
		Stable Street ...	...		...	...	...	...	1	11	6	...	...	...	...	...	...	...	...	18

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Races.															
Ward.	Section.	Streets.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Kamatipura—*contd.*																	
E	Kamatipura.	Bellasis Road	36,484	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		4th Lane		...	...	...	...	4	1	2	...	...	...	...	...	...	...	...	7
		14th do.		...	...	...	...	5	4	...	...	...	...	...	...	...	...	...	9
		1st do.		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		13th do.		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		North Brook Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		3rd Lane		...	...	...	...	5	1	2	...	...	...	...	...	...	...	...	8
		8th do.		...	...	2	...	9	...	...	...	...	...	...	...	...	...	...	11
		11th do.		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
		9th do.		1	...	1	...	5	...	...	...	...	...	...	...	...	...	...	7
		12th do.		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		10th do.		...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	5
		Duncan Road...		2	1	...	...	3	2	2	...	...	1	...	...	...	...	...	11
		6th Lane		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Centre Road		1	...	...	...	2	...	1	...	...	...	...	...	...	...	...	4
		Tardeo.																	
E	Tardeo.	Gilder Street	28,193	...	...	...	...	18	5	4	1	...	1	...	...	...	...	...	29
		Bapty Road Cross Lane ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Suklaji Street		...	...	...	...	2	11	3	...	...	...	...	...	...	...	...	16
		Bellasis Road		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Foras Road		...	1	...	...	9	9	3	1	...	...	...	...	...	...	...	23
		Bapty Road		...	1	...	...	4	7	2	...	...	...	...	...	...	...	...	14
		Jairajbhoy Street		...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	8
		Arab Lane		...	...	...	...	4	...	2	...	...	...	...	...	...	...	...	6
		Falkland Road		1	...	...	...	10	7	3	...	...	...	...	...	...	...	...	21
		Grant Road		...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	3
		Balaram Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Gilder Street Cross Lane ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Tardeo Road		...	...	...	...	4	1	...	...	...	1	...	...	...	...	...	6
		Byculla.																	
E	Byculla.	Agripada	76,280	...	...	...	...	36	4	11	...	...	...	...	...	...	...	...	51
		Arthur Road		...	...	...	...	30	7	1	...	...	...	...	...	...	...	...	38
		Bellasis-Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Chambar Lane		...	...	...	...	1	6	...	...	...	...	...	...	...	...	...	7
		Clare Road		...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	5
		Clerk Road		1	...	..	...	35	1	...	...	...	...	...	...	...	...	...	37
		DeLisle Road		...	3	...	...	63	3	...	...	...	...	...	1	...	...	...	70
		Do. Cross Lane		...	...	...	...	5	...	4	...	...	...	...	...	...	...	...	9
		Ghelabhai Street		...	...	...	...	...	...	4	...	...	1	...	...	...	...	...	5
		Gilder Street		...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	16
		Gujri Bazar		...	...	...	...	1	4	2	...	...	...	...	...	...	...	...	7
		Haines Road		2	1	...	...	40	15	4	...	...	1	...	...	...	...	...	63
		Kalachaowki Road		...	...	...	...	6	...	1	...	...	...	...	...	...	...	...	7
		Do. Cross Lane ...		...	...	...	...	23	...	...	...	...	...	...	...	...	...	...	23
		Kalapani		...	...	...	...	...	2	5	...	...	...	...	...	...	...	...	7
		Mahomedan Street		1	...	...	...	...	7	5	...	...	...	...	...	...	...	...	13
		Morland Road		...	1	...	...	10	9	...	...	...	...	...	...	...	...	...	20
		Parel-Road		1	1	...	...	23	1	2	...	...	...	...	...	...	...	...	28
		Ripon Road		...	...	...	...	11	10	15	...	...	3	1	...	...	...	...	40
		Sunkli Street		...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
		Sunder Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Tank Pakadi		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		No Fixed Residence		...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	5
		1st Nagpada.																	
E	1st Nagpada.	4th Peerkhan Street... ...	3,335	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Bellasis Road		...	...	...	...	4	...	2	...	...	...	...	...	...	...	...	6
		New Nagpada Road		...	1	...	...	2	...	1	...	...	...	1	...	...	...	...	5
		3rd Peerkhan Street		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Shephard Street		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.			Population by Census of 1906.	Races.															
Ward.	Section.	STREETS.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Parel.																	
E	Parel.	Arthur Road	46,960	...	1	...	...	24	3	3	...	...	...	...	...	...	...	...	31
		Bhoiwadi Cross Road... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bhoiwadi Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Currey Road		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Government Gate Road ...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Government House Compound		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. do. Road ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Kalachowki Road		1	...	...	...	36	2	...	...	...	...	...	...	...	...	...	39
		Lalwadi		1	...	...	...	2	...	1	...	...	...	...	...	...	...	...	4
		Parel Back Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Parel Road		2	...	...	...	12	...	3	...	...	...	...	...	...	...	...	17
		Parel Tank Road		...	1	...	...	9	1	...	...	...	...	...	...	...	...	...	11
		Parel Village		3	2	...	...	17	...	1	...	...	...	...	...	...	...	...	23
		Peru's Chawl		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Suparibag Road		2	1	...	...	19	1	2	2	...	1	...	...	...	...	...	28
		Tulshirampada		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Sewri.																	
F	Sewri.	Bhoiwadi	15,985	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bhoiwadi Road		...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	4
		Gulangi Hill Road		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Isafadla Bunder		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Jakeria Bunder		2	...	...	...	5	...	2	...	...	...	...	...	...	...	...	9
		Parel Tank Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Shivdi Agriwada		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Shivdi Cross Road		...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	5
		Shivdi Koliwada		...	...	...	...	12	...	1	...	...	...	...	...	...	...	...	13
		Shivdi New Road		1	...	...	...	18	...	...	...	...	...	...	...	...	...	...	19
		Shivdi Road		...	...	...	...	38	...	...	...	...	...	...	...	...	...	...	38
		Sion.																	
F	Sion.	Bhoiwadi Cross Road ...	30,515	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Bhoiwadi Road		...	...	...	...	8	2	...	...	...	1	...	...	...	...	...	11
		Dadar Road		2	...	...	...	2	2	5	1	...	...	...	...	...	...	...	12

35—*continued.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*continued.*

Locality.				Population by Census of 1901.	Races.															
Ward.	Section.	Streets.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Sion—*contd.*																		
F	Sion.	Dhakti Shivdi...	... ...	30,515	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Matunga Station	... ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Do Road	... ...		1	...	...	...	7	...	...	...	...	5	...	...	...	...	...	13
		Naiguam Cross Road...	...		...	...	...	...	3	...	1	...	...	2	...	...	...	...	...	6
		Naiguam Road	... ...		1	1	...	...	9	...	...	1	...	1	...	...	...	...	...	13
		Shivdi Cross Road	... ...		...	...	...	...	4	...	3	...	...	...	...	...	...	...	...	7
		Sion Agriwada	... ...		...	...	...	...	6	...	...	...	...	2	...	...	...	...	...	8
		Do. Bhandarwada	... ...		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Do. Koliwada	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Sion Road	... ...		...	...	...	...	8	2	...	...	...	...	...	...	...	...	...	10
		Vincent Road...	... ...		...	1	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Wadala Road ...	... ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Wada Village	... ...		...	...	...	...	12	...	2	...	...	6	...	...	...	...	...	20
		Mahim.																		
G	Mahim.	New Matunga Road ...	...	31,178	..	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mori Road	... ...		...	...	...	1	6	...	1	...	...	...	...	...	..	...	...	8
		Lohar Chawl Road	... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dharavi Road	... ...		...	...	...	...	4	8	15	...	...	2	...	...	...	...	...	29
		Bazar Road	... ...		1	1	...	...	14	...	6	...	...	...	...	...	...	...	...	22
		Lady Jamshetjee Road	...		...	3	...	...	13	...	...	...	...	2	...	...	...	...	...	18
		Dharavi Koliwada	... ...		...	...	...	...	...	...	2	...		...	...	...	...	...	...	2
		Parch Kumbhar Gully	...		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		Kapad Gully ...	... ...		1	1	...	2	...	...	1	...	...	...		...	...	...	...	5
		New Mangelwadi	... ...		...	...	...	...	1	...	...	...	...	...	..	...	...	...	...	1
		Old Parbhadevi Road	...		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Dharavi Dharwada	... ...		...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		Portuguese Church Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Worli.																		
G	Worli.	Koliwada	... ...	69,488	3	...	...	...	24	...	7	...	...	3	...	...	...	...	...	37
		Currey Road	... ...		...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	12
		Dadar Kumbharwada	...		...	...	...	2	21	...	...	...	...	1	...	...	...	...	...	24
		Nava Pada	... ...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9

35—*concluded.*

TABLE showing the Number of Plague Deaths by Street and Race during 1908—*concluded.*

Locality.			Population by Census 1906.	Races.															
Ward.	Section.	STREETS.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Worli—*contd.*																	
G	Worli.	De Lisle Road...	69,488	2	3	...	1	54	37	3	...	...	3	...	...	...	...	...	103
		New Parbhadevi Road ...		...	2	...	2	26	4	3	...	...	...	...	...	...	...	...	37
		Haines Road		...	...	...	...	4	2	...	...	...	...	...	...	...	...	...	6
		Dhobi Ghaut		...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	5
		Middle Pakadi		3	...	...	...	11	...	...	...	...	...	...	...	...	...	...	14
		Fergusson Road		...	4	...	1	13	3	4	...	...	...	...	...	...	...	...	25
		Elphinstone Road		...	...	...	...	17	12	...	...	...	...	...	...	...	...	...	29
		First Pakadi		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Old Parbadevi Road		2	...	...	1	17	...	1	...	...	1	...	...	...	...	...	22
		Arthur Road		...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	4
		Carrel Road		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Clerk Road		...	...	...	1	8	2	...	...	...	...	...	...	...	...	...	11
		Dadar Junction		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dadar Road		...	1	...	...	2	1	...	...	...	...	...	...	...	...	...	4
		Dhan Mill Kumbharwada ...		...	1	...	...	3	3	1	...	...	...	...	...	...	...	...	8
		Breach Candy Road		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Khed Tank Gully		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Cleveland Road		...	...	...	...	2	...	...	...	...	...	...	...	—	...	...	2
		Harbour.	32,240	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3

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